

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112665.D
 Acq On : 22 Feb 2019 15:41
 Operator : JU/SJ
 Sample : PB117296BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

Manual Integrations
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Sohil
 2/25/2019 9:21:50 AM

Quant Time: Feb 23 00:12:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76583	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	305984	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	150741	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	298302	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	223745	20.00	ng	-0.03
87) Perylene-d12	15.45	264	162144	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	353906	98.16	ng	-0.03
7) Phenol-d6	6.47	99	452219	90.26	ng	-0.02
23) Nitrobenzene-d5	7.39	82	436148	82.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	146929	83.74	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	889550	83.46	ng	-0.04
79) Terphenyl-d14	12.92	244	1082733	91.14	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	74693	52.004	ng	93
3) Pyridine	3.32	79	180706	49.461	ng	96
4) n-Nitrosodimethylamine	3.28	42	88622	57.735	ng	# 88
6) Aniline	6.48	93	296465	49.744	ng	# 74
8) 2-Chlorophenol	6.61	128	221301	45.626	ng	97
9) Benzaldehyde	6.37	77	99055	37.827	ng	98
10) Phenol	6.48	94	255649	46.511	ng	# 71
11) bis(2-Chloroethyl)ether	6.55	93	191959	44.359	ng	95
12) 1,3-Dichlorobenzene	6.76	146	239835	42.459	ng	99
13) 1,4-Dichlorobenzene	6.83	146	247619	42.594	ng	98
14) 1,2-Dichlorobenzene	6.99	146	235041	43.183	ng	95
15) Benzyl Alcohol	6.97	79	185793	43.992	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	219110	39.436	ng	# 7
17) 2-Methylphenol	7.09	107	170585	44.366	ng	# 86
18) Hexachloroethane	7.32	117	88131	43.171	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	148034	42.851	ng	98
20) 3+4-Methylphenols	7.25	107	233855	47.563	ng	# 65
22) Acetophenone	7.23	105	307687	41.296	ng	# 94
24) Nitrobenzene	7.40	77	228637	43.110	ng	98
25) Isophorone	7.64	82	396865	47.638	ng	99
26) 2-Nitrophenol	7.72	139	121385	42.827	ng	# 92
27) 2,4-Dimethylphenol	7.76	122	183303	46.941	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	240424	42.384	ng	99
29) 2,4-Dichlorophenol	7.97	162	185671	42.488	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	201063	40.027	ng	98
31) Naphthalene	8.12	128	645185	45.089	ng	98
32) Benzoic acid	7.93	122	106809	47.951	ng	97
33) 4-Chloroaniline	8.17	127	274034	43.982	ng	96
34) Hexachlorobutadiene	8.23	225	113860	38.627	ng	99
35) Caprolactam	8.55	113	56482m	36.638	ng	
36) 4-Chloro-3-methylphenol	8.67	107	199977	43.228	ng	97
37) 2-Methylnaphthalene	8.81	142	455386	46.488	ng	97
38) 1-Methylnaphthalene	8.91	142	430643	45.866	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	202307	40.875	ng	97

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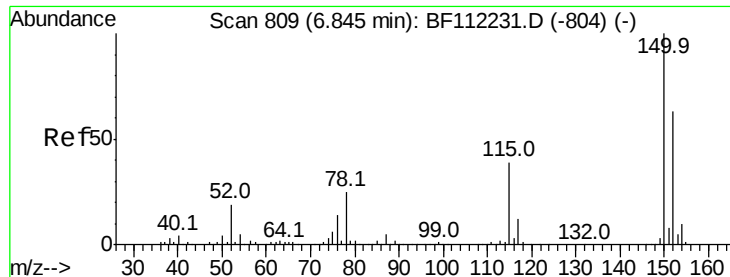
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	89556	51.576	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	124456	40.794	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	126794	39.766	nq	96
46) 1,1'-Biphenyl	9.27	154	553127	41.972	nq	97
47) 2-Chloronaphthalene	9.30	162	421301	41.226	nq	96
48) 2-Nitroaniline	9.41	65	125414	45.026	nq	98
49) Acenaphthylene	9.72	152	680492	45.431	nq	98
50) Dimethylphthalate	9.57	163	500623	42.745	nq	97
51) 2,6-Dinitrotoluene	9.65	165	110152	41.995	nq #	71
52) Acenaphthene	9.89	154	392687	43.886	nq	98
53) 3-Nitroaniline	9.82	138	119748	42.140	nq	90
54) 2,4-Dinitrophenol	9.95	184	76686	91.099	nq	95
55) Dibenzofuran	10.06	168	596499	43.624	nq	92
56) 4-Nitrophenol	10.02	139	77706	51.722	nq	87
57) 2,4-Dinitrotoluene	10.06	165	151137	45.261	nq #	74
58) Fluorene	10.40	166	489660	47.854	nq	96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	100735	41.806	nq #	87
60) Diethylphthalate	10.27	149	511389	43.999	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	229701	41.268	nq	90
62) 4-Nitroaniline	10.45	138	115847	41.563	nq	91
63) Azobenzene	10.55	77	451858	44.205	nq	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	62724	37.504	nq	91
66) n-Nitrosodiphenylamine	10.51	169	422728	42.047	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	140200	39.961	nq	95
68) Hexachlorobenzene	10.96	284	152232	40.443	nq	94
69) Atrazine	11.03	200	129082	39.791	nq	95
70) Pentachlorophenol	11.16	266	86153	58.821	nq	98
71) Phenanthrene	11.36	178	696594	44.917	nq	99
72) Anthracene	11.42	178	729119	47.198	nq	99
73) Carbazole	11.57	167	644272	42.279	nq	98
74) Di-n-butylphthalate	11.89	149	788932	41.710	nq	98
75) Fluoranthene	12.56	202	726370	43.669	nq	95
77) Benzidine	12.67	184	611137	99.239	nq	96
78) Pyrene	12.79	202	740682	47.814	nq	98
80) Butylbenzylphthalate	13.38	149	327783	43.735	nq	98
81) Benzo(a)anthracene	13.97	228	590194	44.872	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	202379	41.114	nq	99
83) Chrysene	14.01	228	563799	44.906	nq	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	423215	39.781	nq #	95
85) Di-n-octyl phthalate	14.54	149	654407	39.981	nq	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	405108	40.721	nq	96
88) Benzo(b)fluoranthene	15.02	252	458060	47.237	nq	98
89) Benzo(k)fluoranthene	15.04	252	437174	47.067	nq	99
90) Benzo(a)pyrene	15.39	252	412798	47.311	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	336899	47.909	nq	96
92) Benzo(g,h,i)perylene	17.39	276	333777	50.310	nq	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

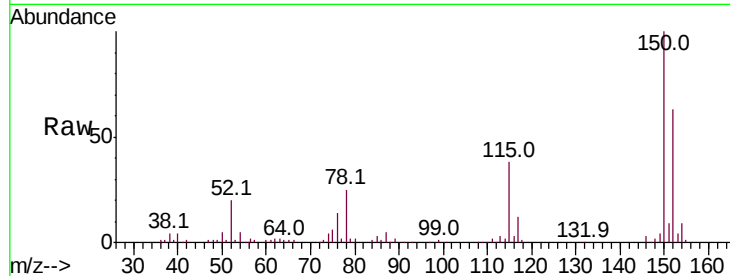
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

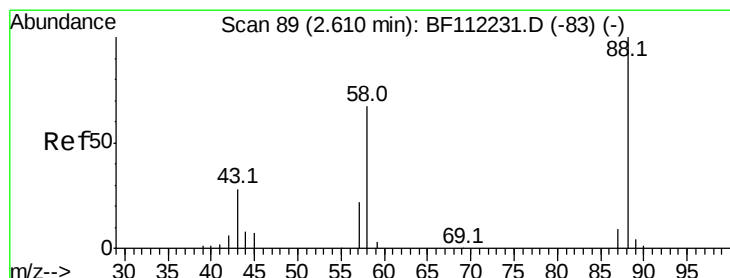
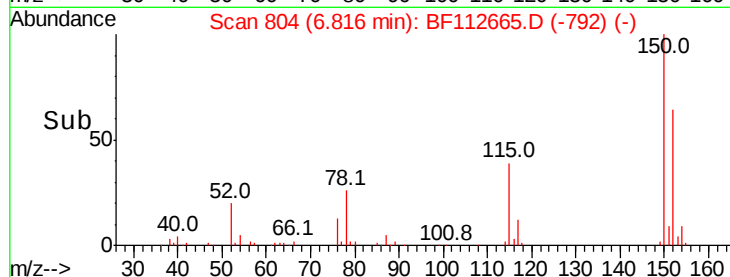
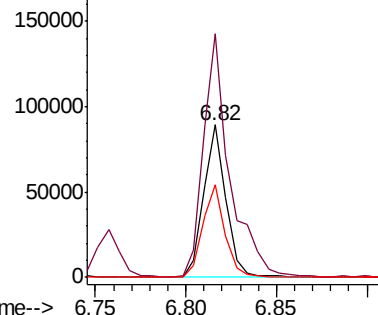
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.4	191.0
115	60.5	45.5	68.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

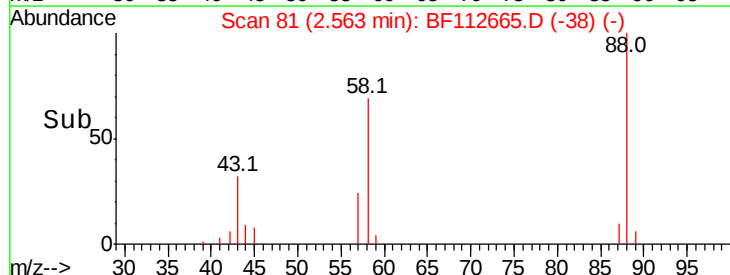
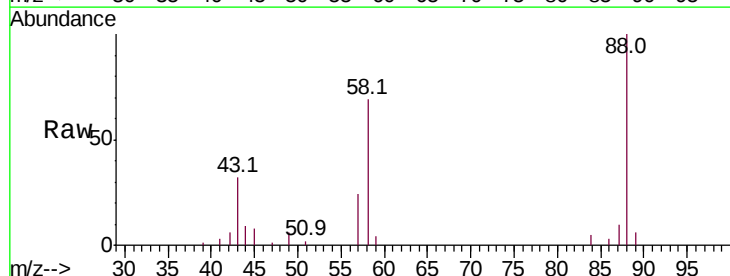
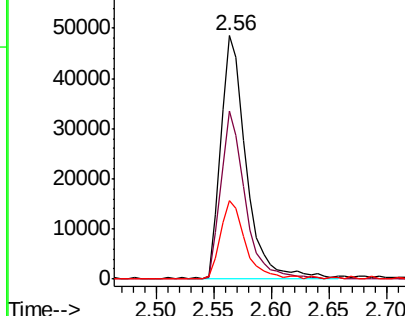


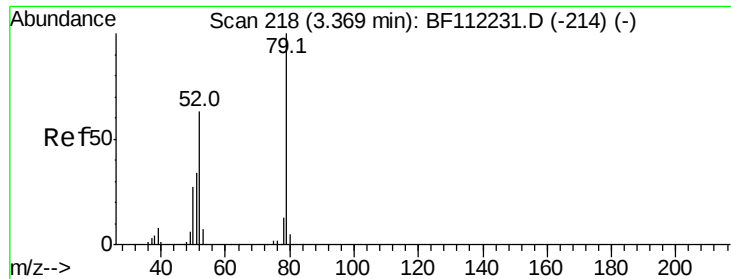
#2

1,4-Dioxane
Concen: 52.004 ng
RT: 2.56 min Scan# 81
Delta R.T. -0.05 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	57.4	86.2
43	31.4	22.2	33.4

Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 49.461 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.05 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

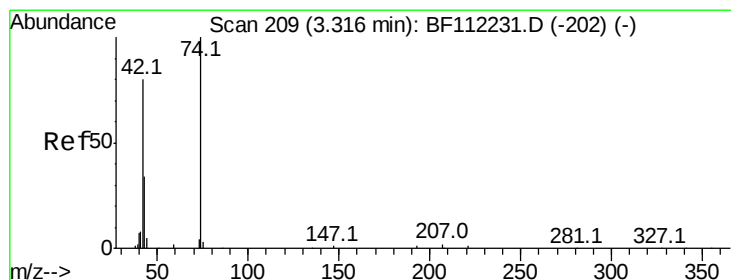
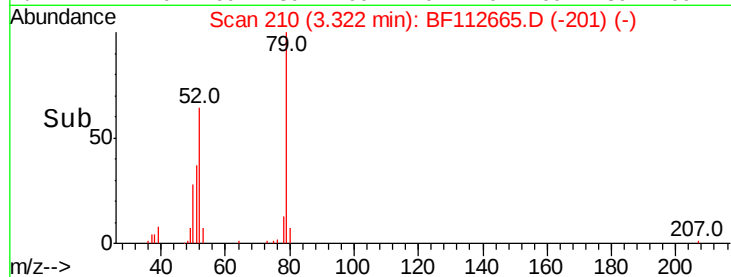
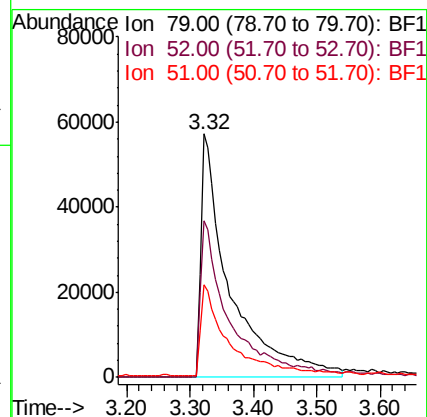
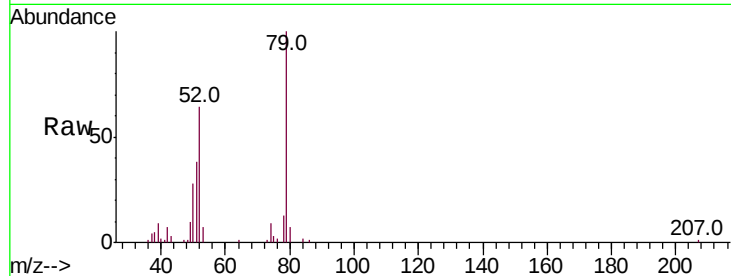
ClientSampleId :

PB117296BS

Tot Ion:	79	Resp:	180706
Ion Ratio	Lower	Upper	
79	100		
52	64.2	52.4	78.6
51	38.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 57.735 ng

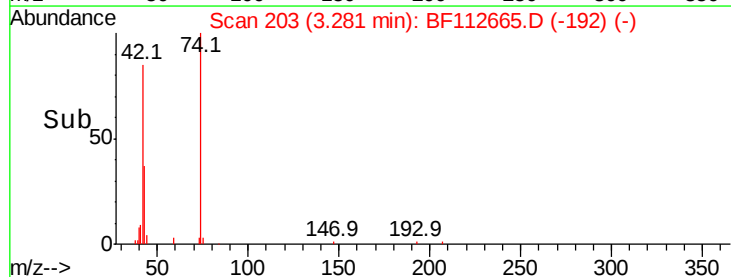
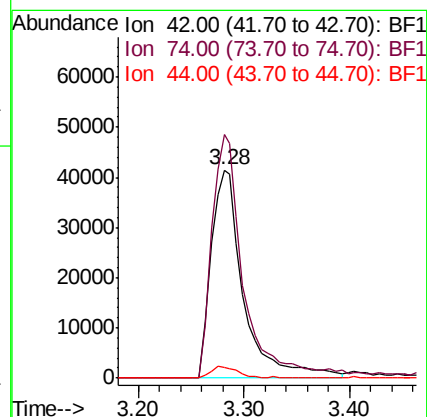
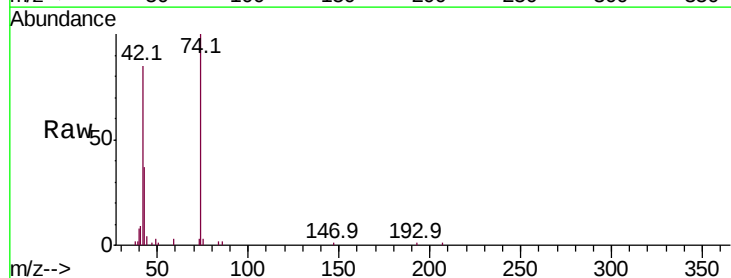
RT: 3.28 min Scan# 203

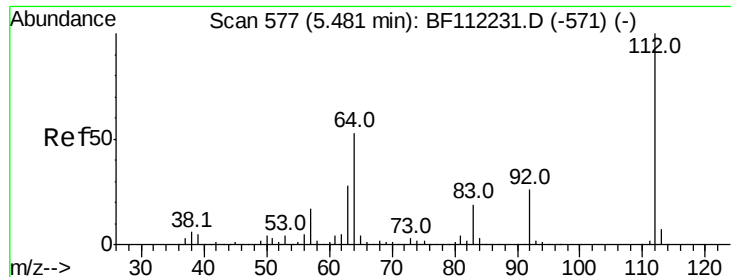
Delta R.T. -0.04 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	42	Resp:	88622
Ion Ratio	Lower	Upper	
42	100		
74	117.2	105.6	158.4
44	5.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 98.157 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

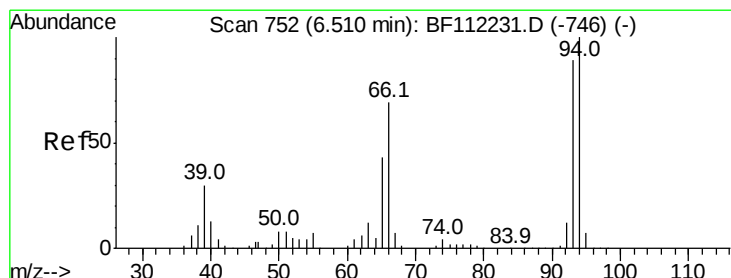
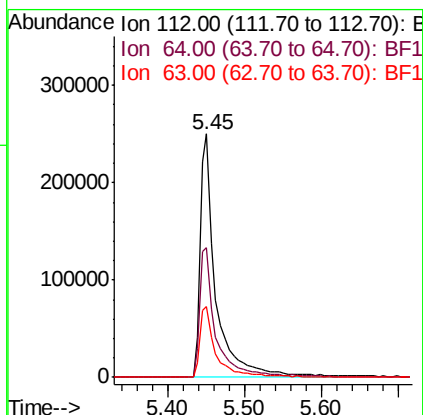
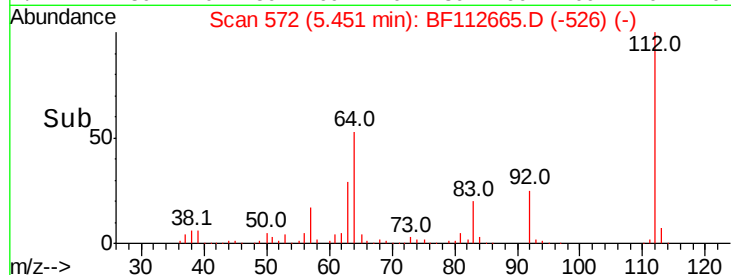
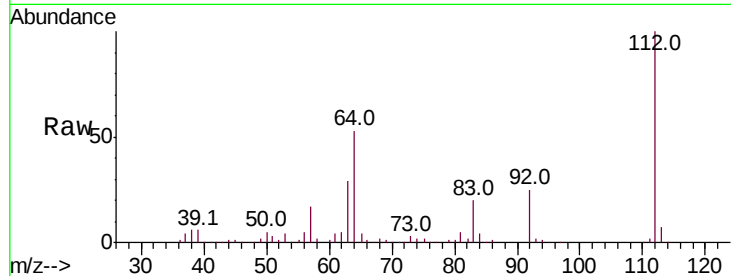
ClientSampled :

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Tot Ion:	112	Resp:	353906
Ion Ratio	Lower	Upper	
112	100		
64	53.4	45.7	68.5
63	28.8	23.6	35.4

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#6

Aniline

Concen: 49.744 ng

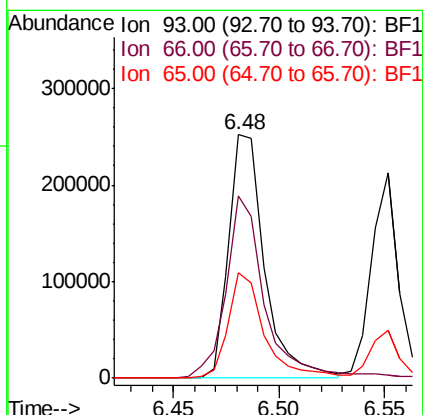
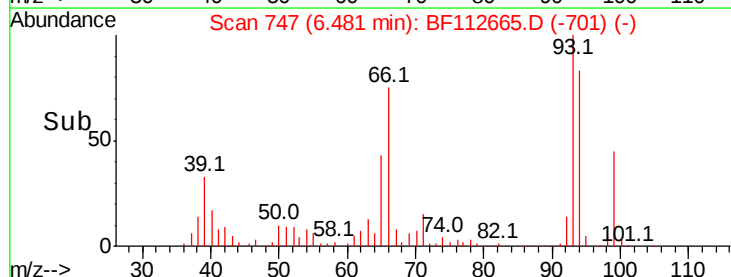
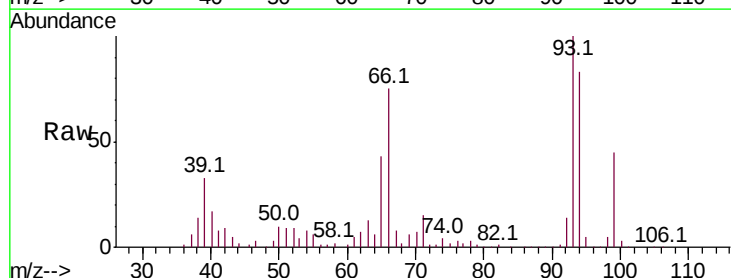
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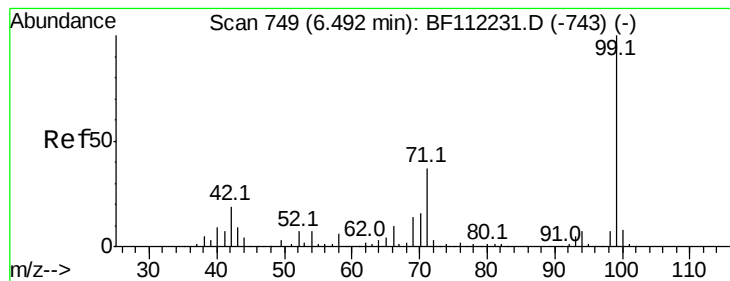
Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	93	Resp:	296465
Ion Ratio	Lower	Upper	
93	100		
66	75.0	43.4	65.2#
65	43.0	25.3	37.9#





#7

Phenol-d6

Concen: 90.263 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

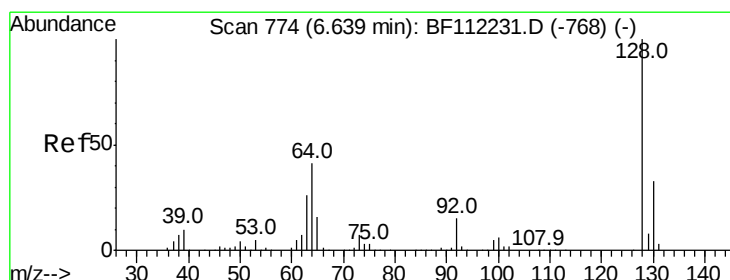
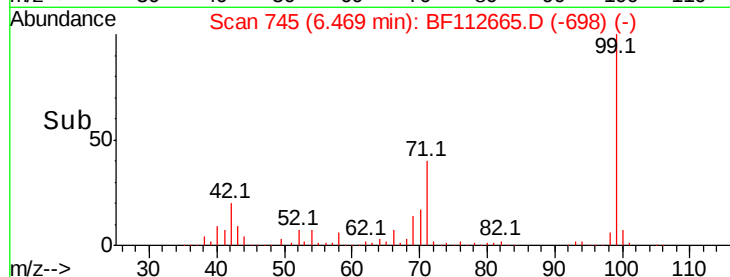
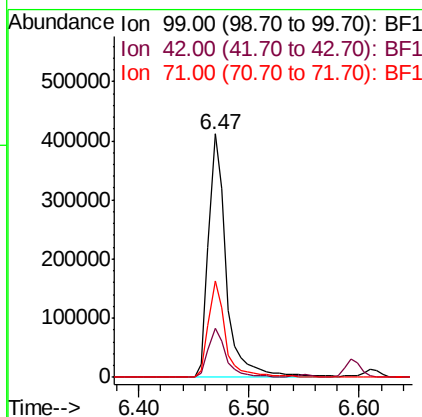
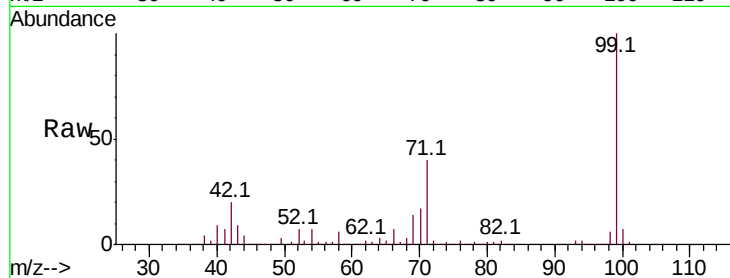
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Tot Ion:	99	Resp:	452219
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.1	22.7
71	39.7	26.9	40.3

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#8

2-Chlorophenol

Concen: 45.626 ng

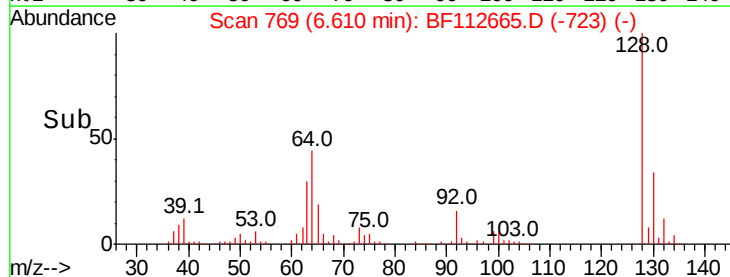
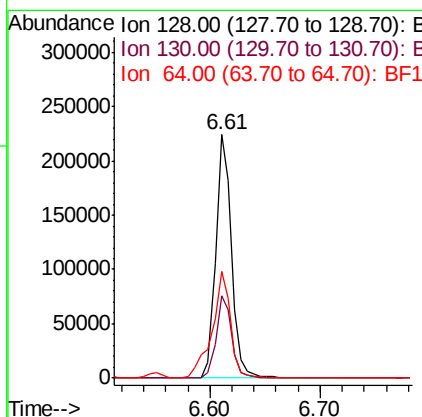
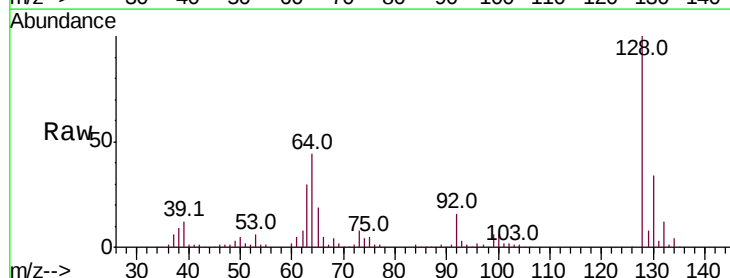
RT: 6.61 min Scan# 769

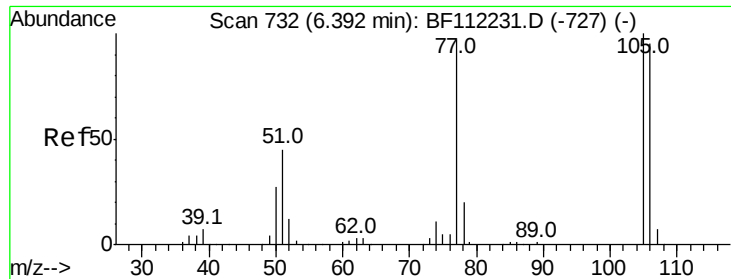
Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	128	Resp:	221301
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.4	53.4
64	43.6	20.5	60.5





#9

Benzaldehyde

Concen: 37.827 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

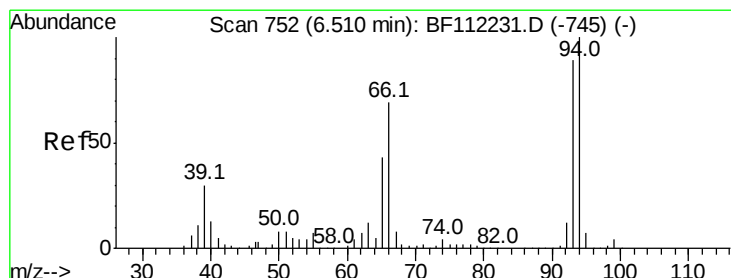
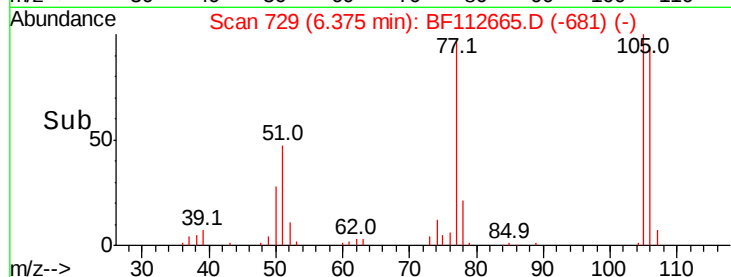
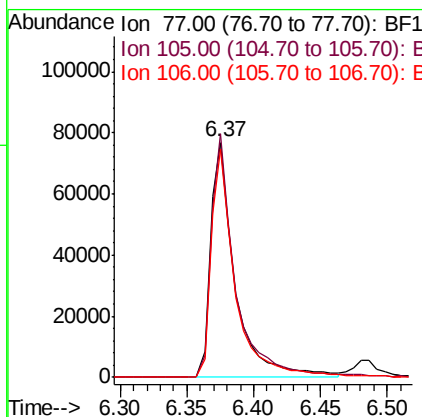
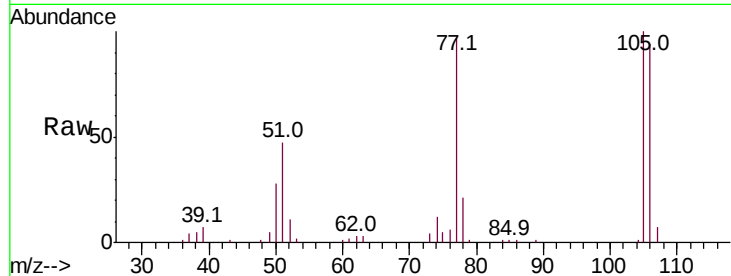
ClientSampleID :

PB117296BS

Tot Ion:	77	Resp:	99055
Ion	Ratio	Lower	Upper
77	100		
105	103.6	80.8	120.8
106	96.9	75.7	115.7

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#10

Phenol

Concen: 46.511 ng

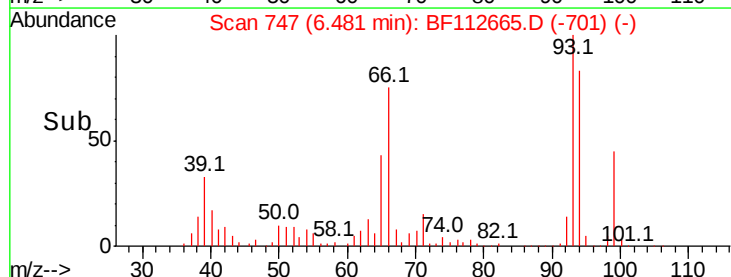
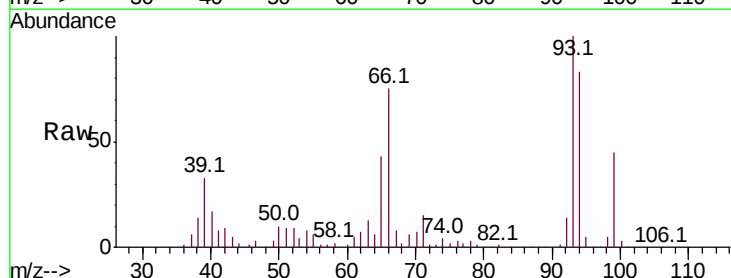
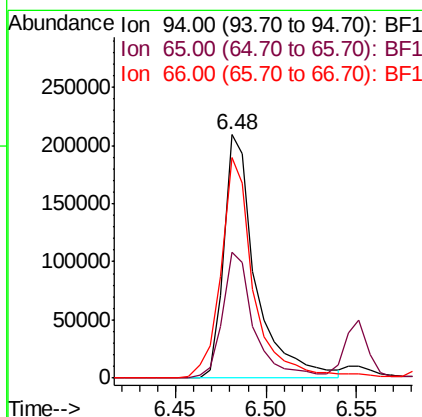
RT: 6.48 min Scan# 747

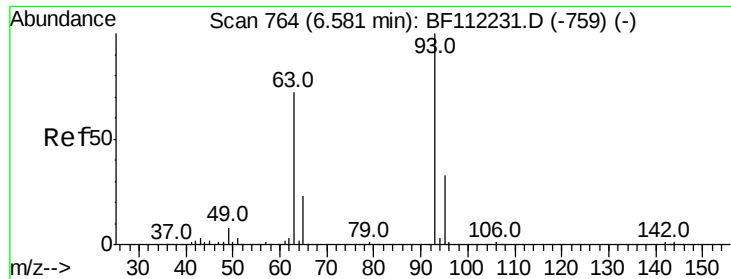
Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	94	Resp:	255649
Ion	Ratio	Lower	Upper
94	100		
65	51.9	20.3	60.3
66	90.4	42.4	82.4#





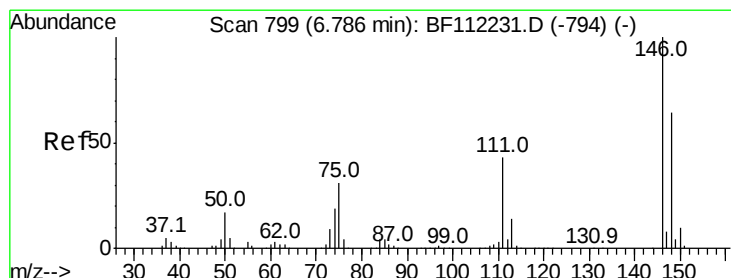
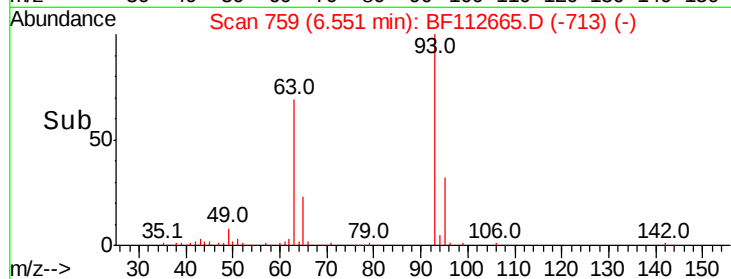
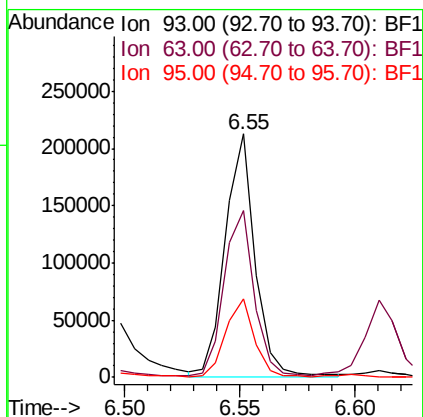
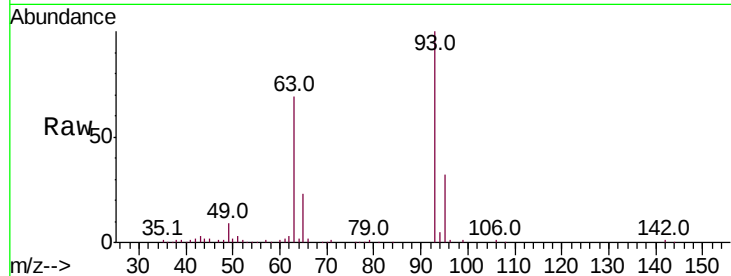
#11
bis(2-Chloroethyl)ether
Concen: 44.359 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampled :
PB117296BS

Tot Ion	93	Resp	191959
Ion Ratio	Lower	Upper	
93	100		
63	68.6	53.3	93.3
95	32.2	13.4	53.4

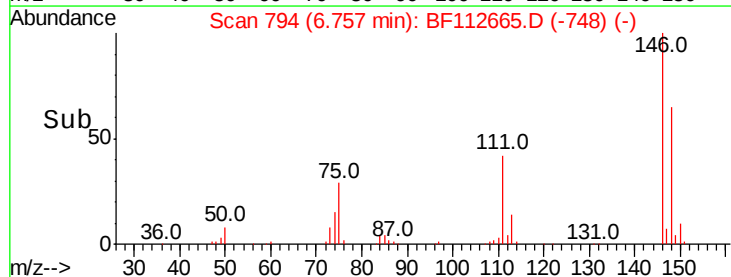
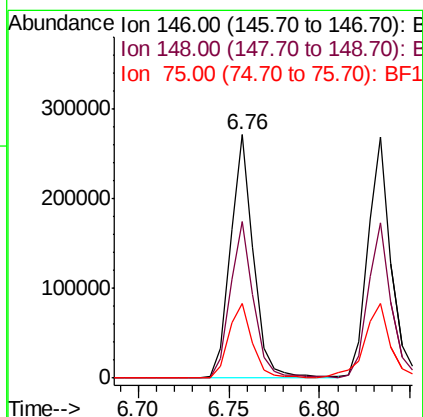
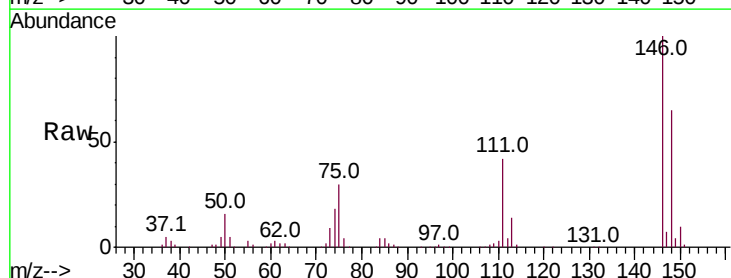
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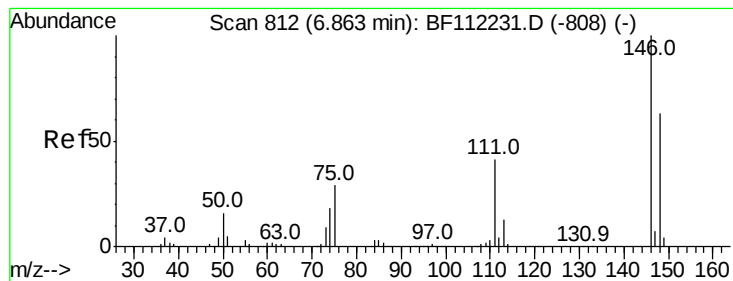
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.459 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	146	Resp	239835
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	30.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.594 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

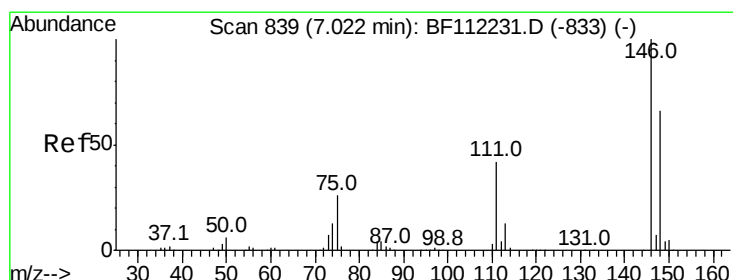
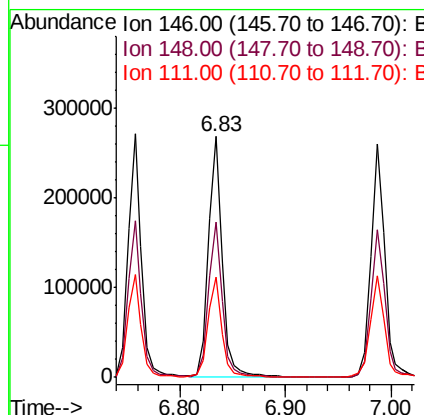
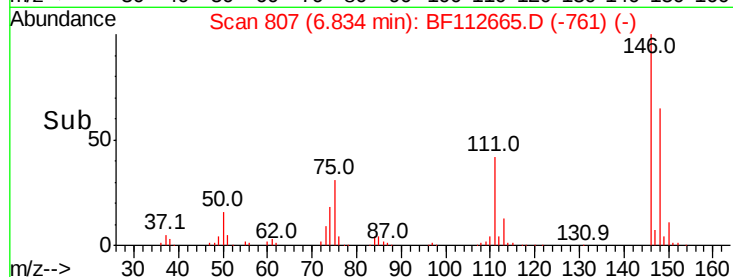
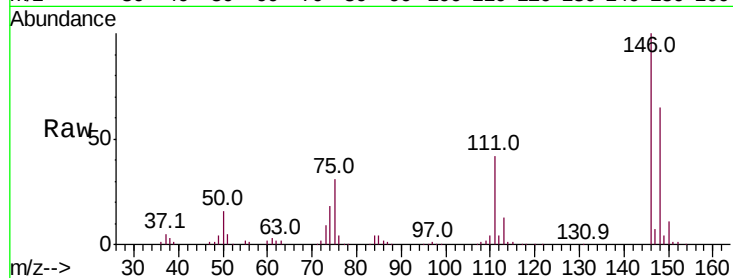
ClientSampleId :

PB117296BS

Tot Ion:	146	Resp:	247619
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.0	78.0
111	41.7	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 43.183 ng

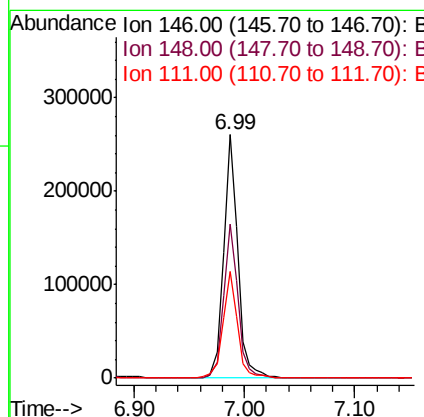
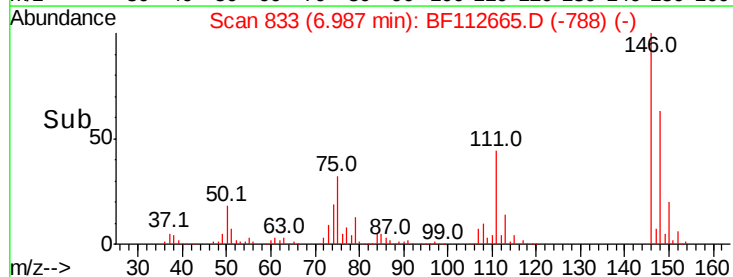
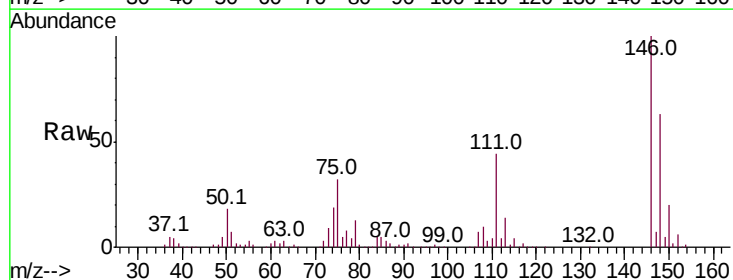
RT: 6.99 min Scan# 833

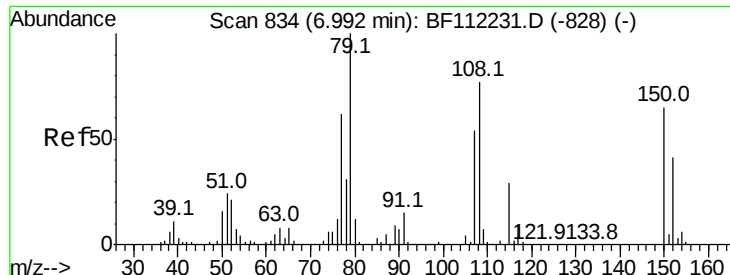
Delta R.T. -0.04 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	146	Resp:	235041
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.4
111	43.6	31.2	46.8





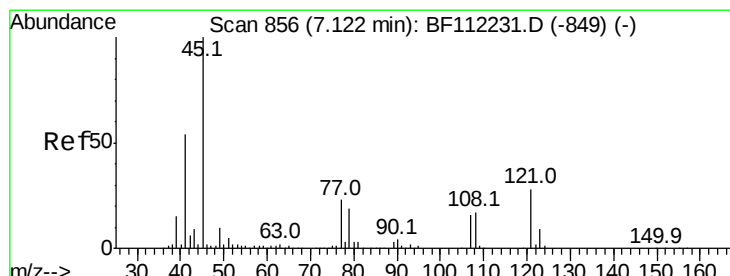
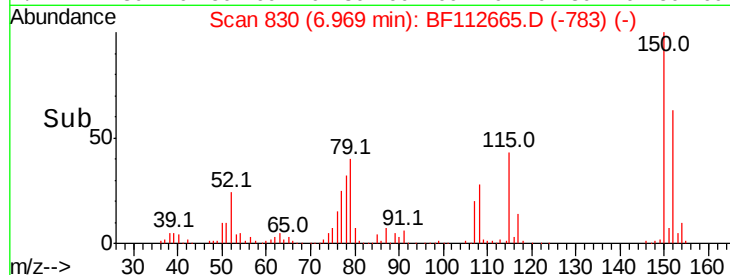
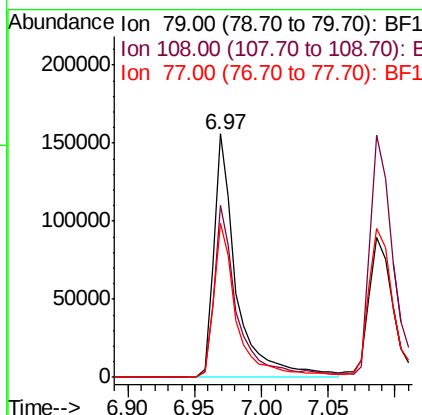
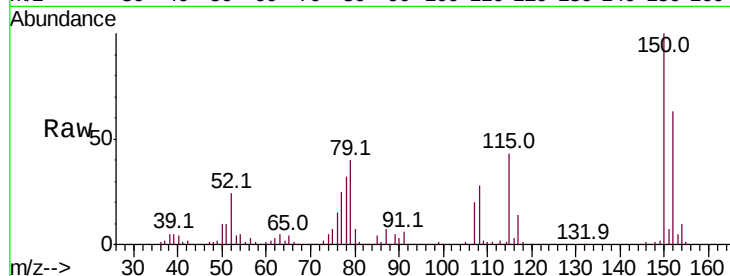
#15
Benzyl Alcohol
Concen: 43.992 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion:	79	Resp:	185793
Ion Ratio	Lower	Upper	
79	100		
108	70.8	64.2	96.2
77	63.2	50.3	75.5

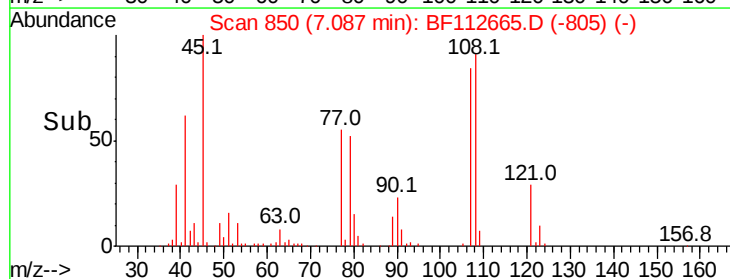
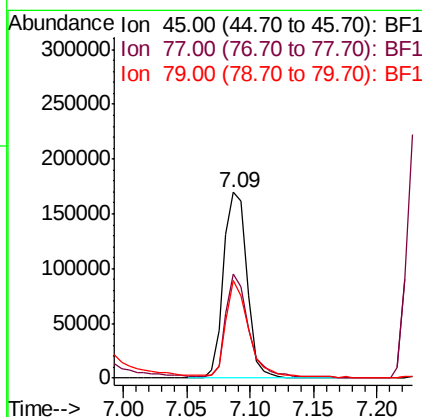
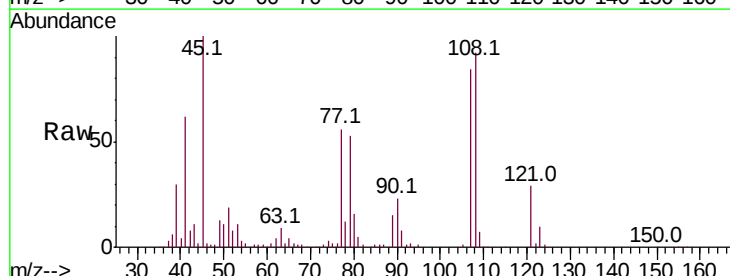
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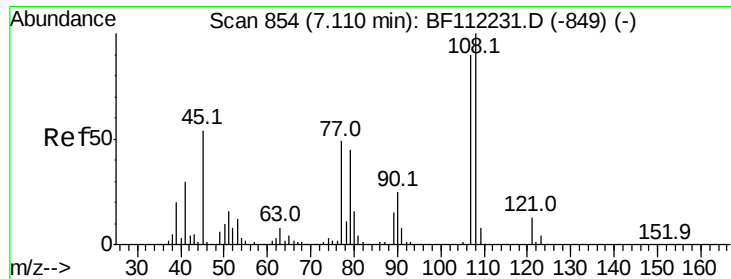
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.436 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion:	45	Resp:	219110
Ion Ratio	Lower	Upper	
45	100		
77	56.2	0.0	36.9#
79	52.9	0.0	34.0#





#17

2-Methylphenol

Concen: 44.366 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

ClientSampleId :

PB117296BS

Tot Ion:107 Resp: 170585
Ion Ratio Lower Upper

107 100

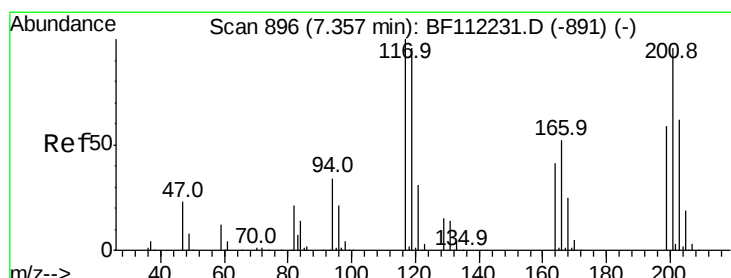
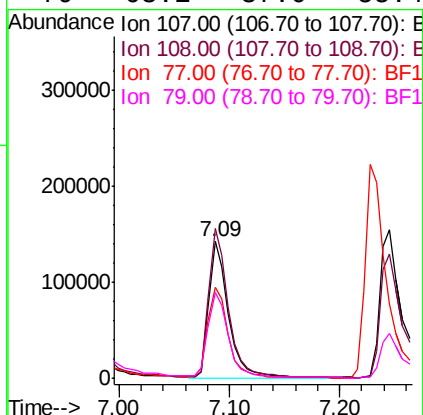
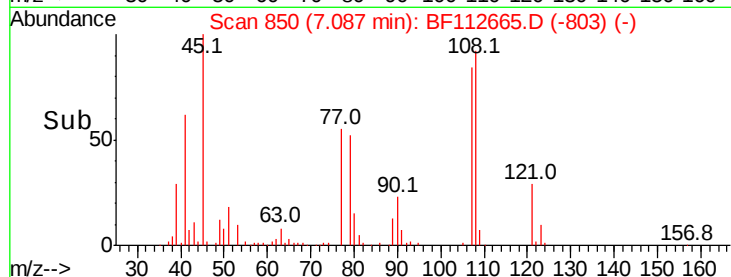
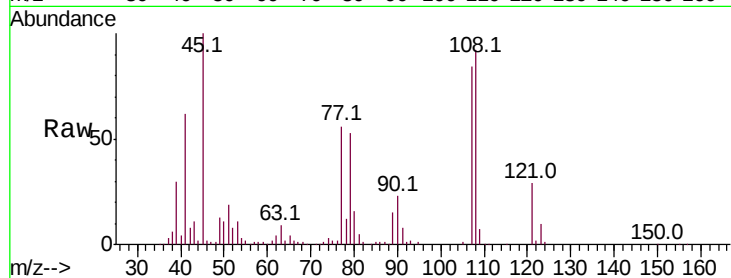
108 109.4 91.3 136.9

77 67.0 39.0 58.6#

79 63.1 37.0 55.4#

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#18

Hexachloroethane

Concen: 43.171 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF112665.D

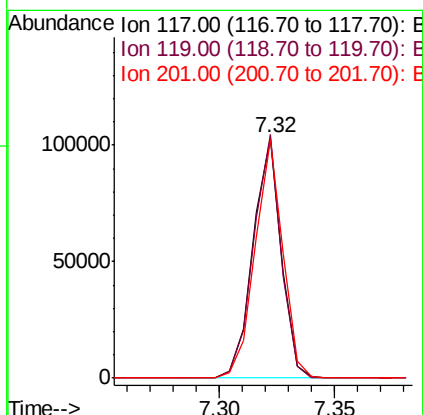
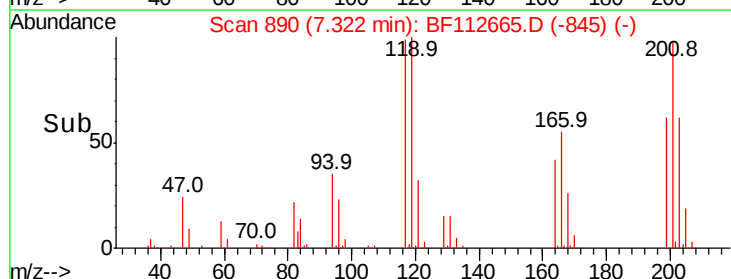
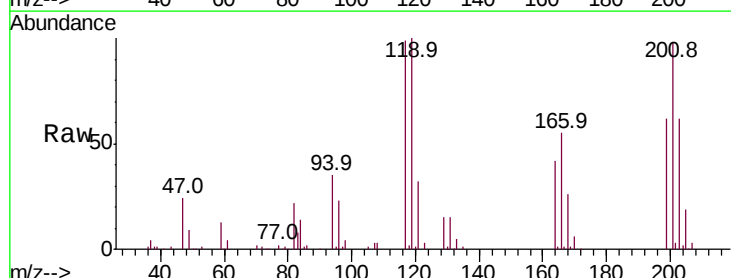
Acq: 22 Feb 2019 15:41

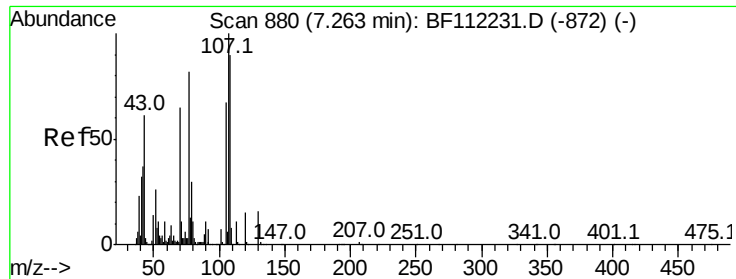
Tgt Ion:117 Resp: 88131
Ion Ratio Lower Upper

117 100

119 101.4 77.0 115.4

201 99.2 74.1 111.1





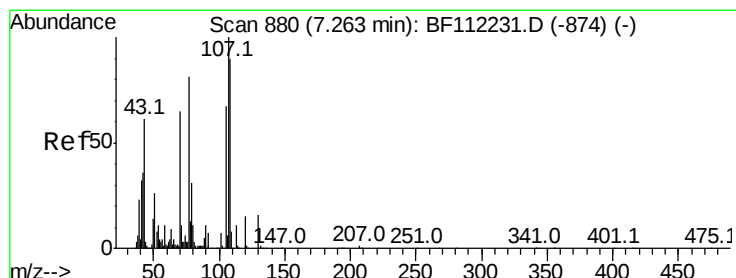
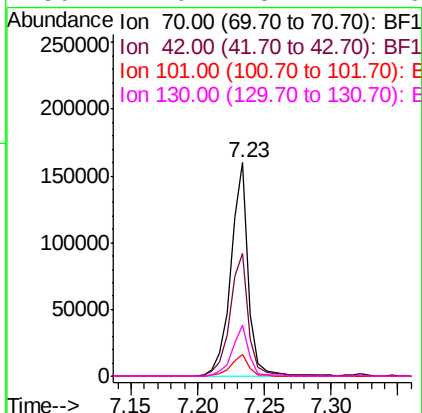
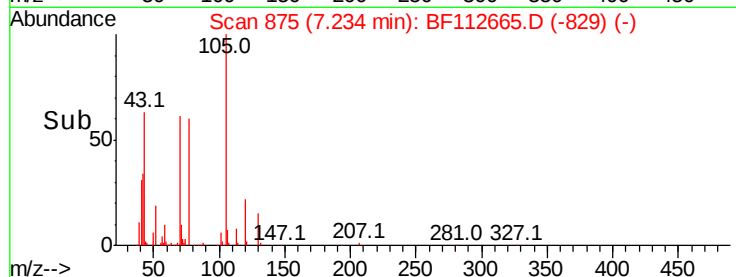
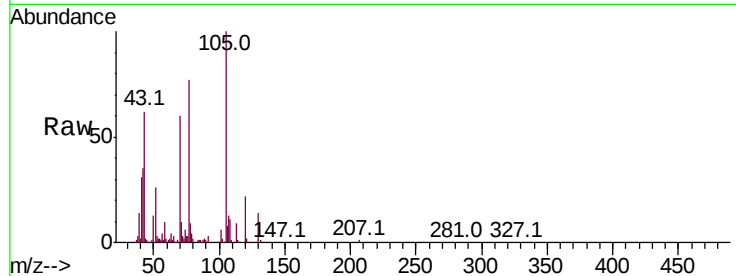
#19
n-Nitroso-di-n-propylamine
Concen: 42.851 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.6	71.4
101	10.4	7.9	11.9
130	24.0	18.4	27.6

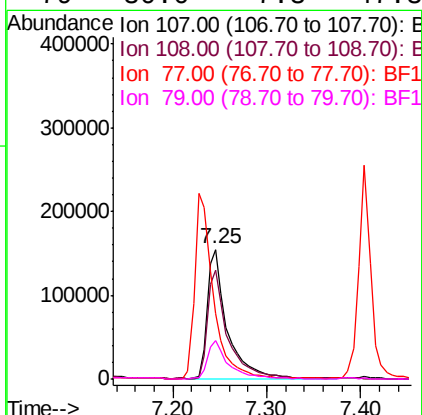
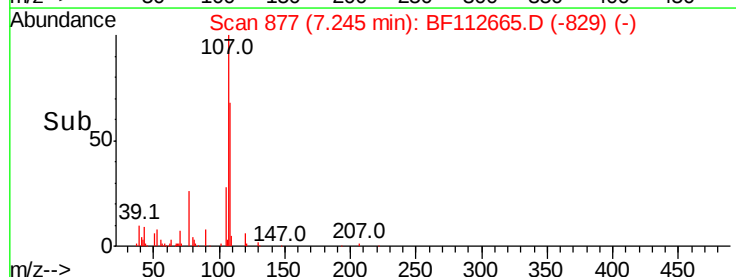
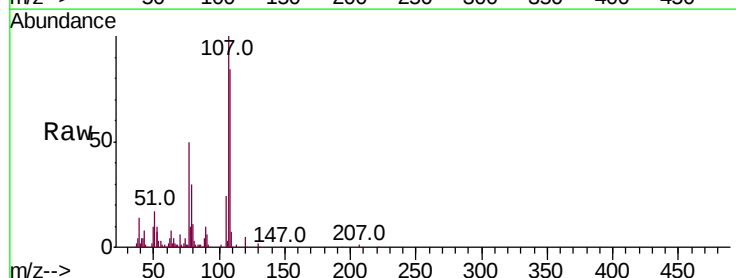
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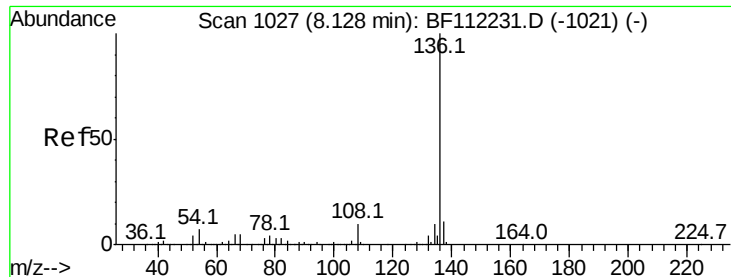
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#20
3+4-Methylphenols
Concen: 47.563 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.6	68.2	108.2
77	50.1	100.7	140.7#
79	30.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

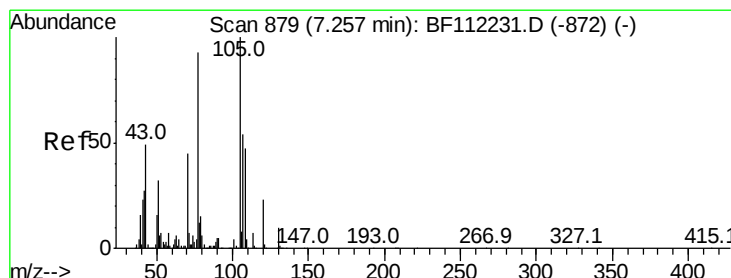
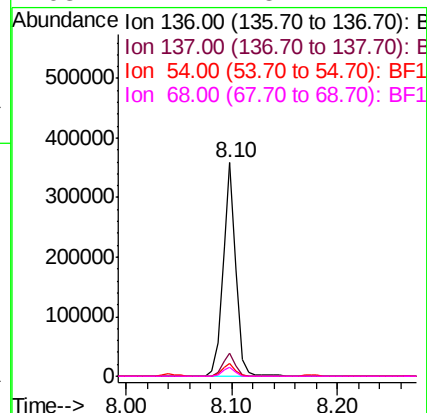
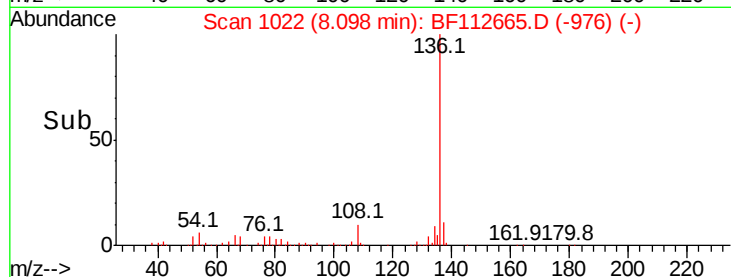
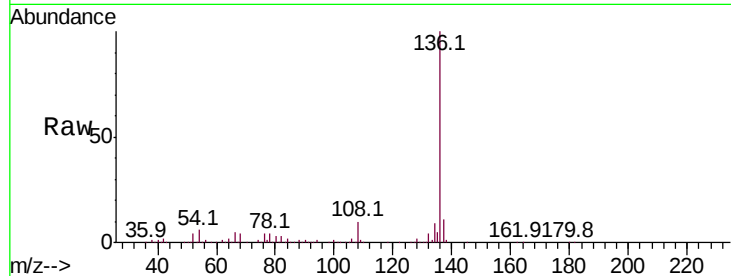
ClientSampleId :

PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.1	13.7	
54	6.3	5.9	8.9	
68	4.2	5.1	7.7	

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#22

Acetophenone

Concen: 41.296 ng

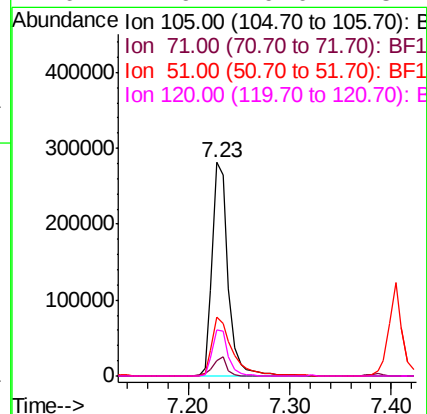
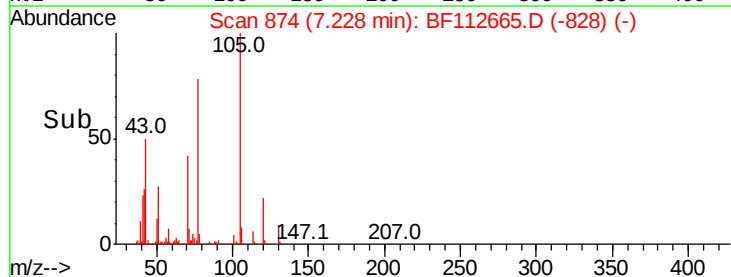
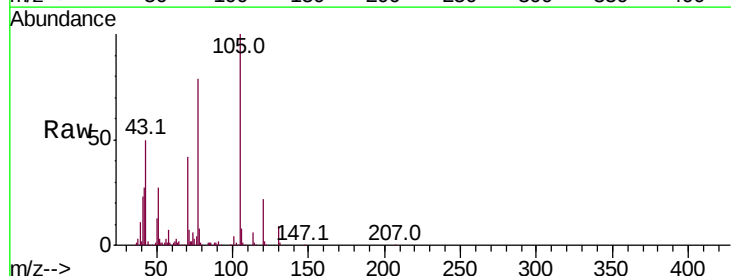
RT: 7.23 min Scan# 874

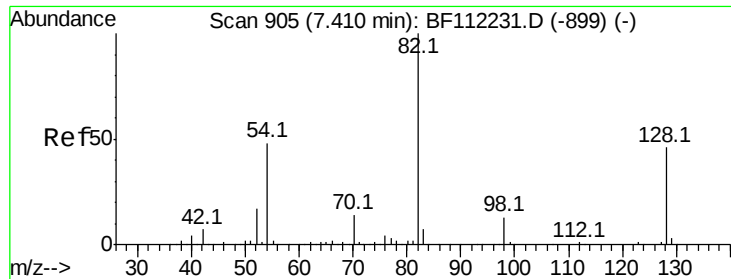
Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	4.6	6.8	
51	27.5	25.0	37.6	
120	21.9	19.0	28.4	





#23

Nitrobenzene-d5

Concen: 82.131 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

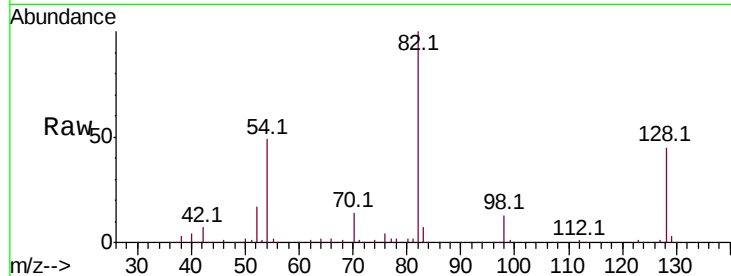
ClientSampleId :

PB117296BS

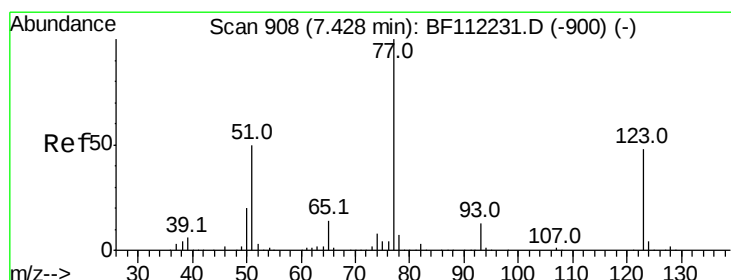
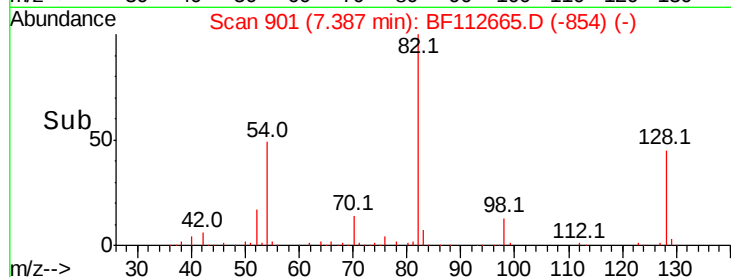
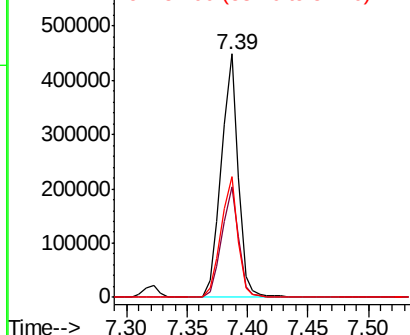
Tot Ion:	82	Resp:	436148
Ion Ratio	Lower	Upper	
82	100		
128	45.4	37.8	56.8
54	49.3	39.7	59.5

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.110 ng

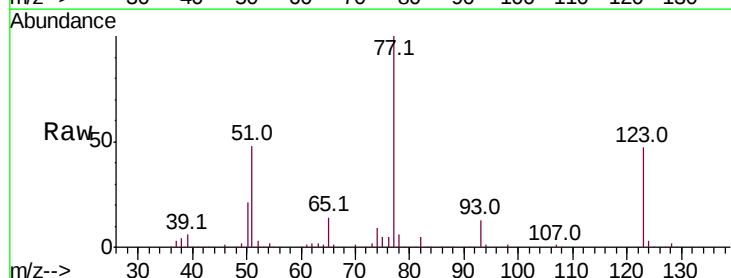
RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

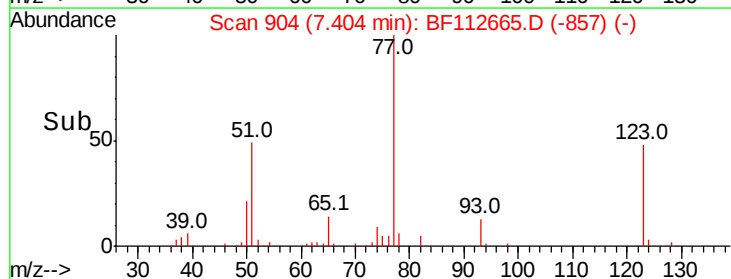
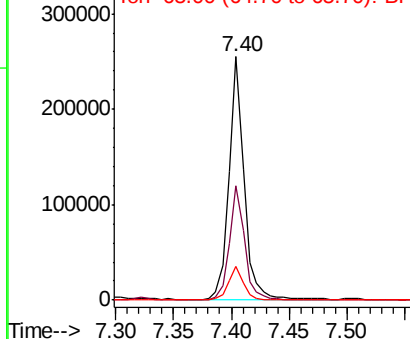
Lab File: BF112665.D

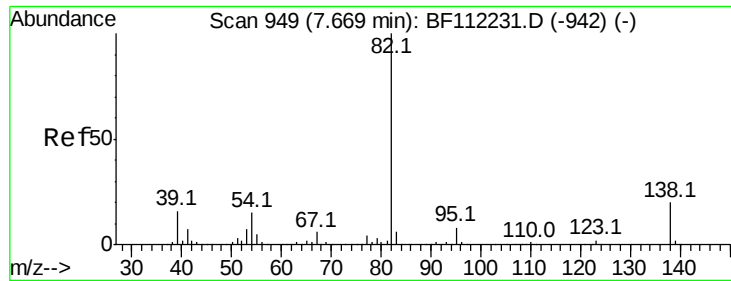
Acq: 22 Feb 2019 15:41

Tgt Ion:	77	Resp:	228637
Ion Ratio	Lower	Upper	
77	100		
123	47.0	38.4	57.6
65	13.9	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.638 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

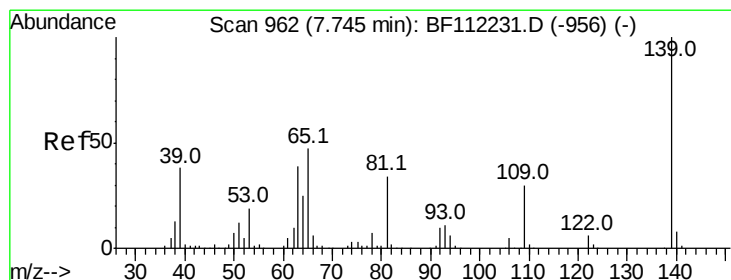
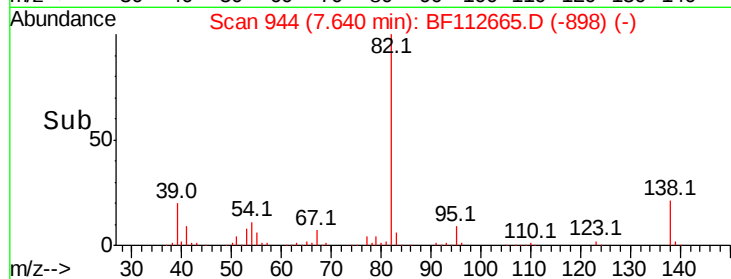
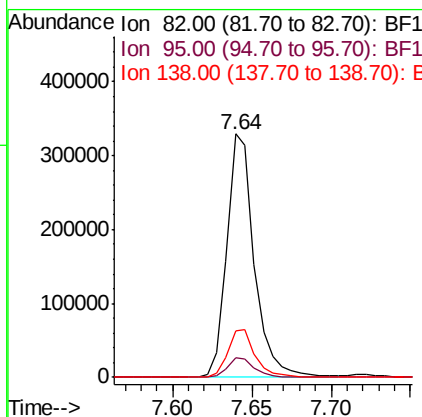
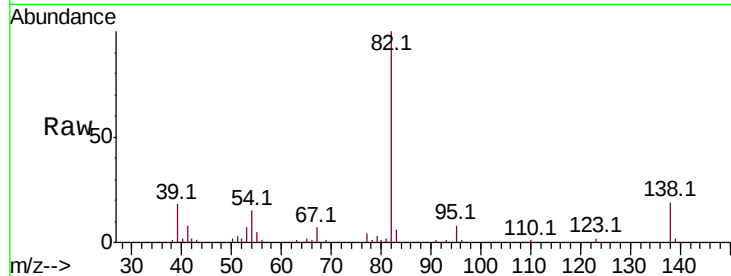
ClientSampleId :

PB117296BS

Tot Ion:	82	Resp:	396865
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.7	8.5
138	19.3	15.4	23.0

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#26

2-Nitrophenol

Concen: 42.827 ng

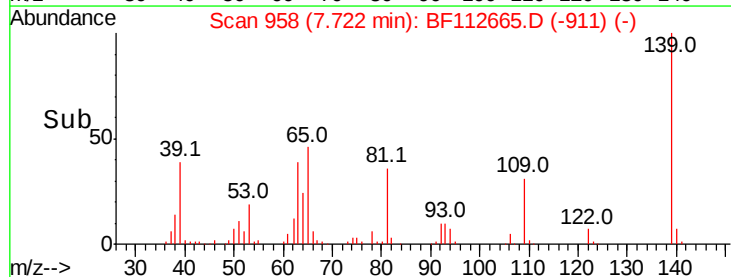
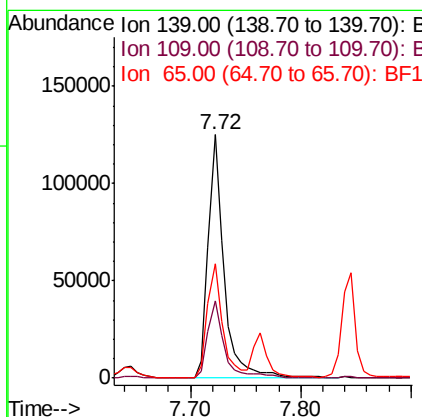
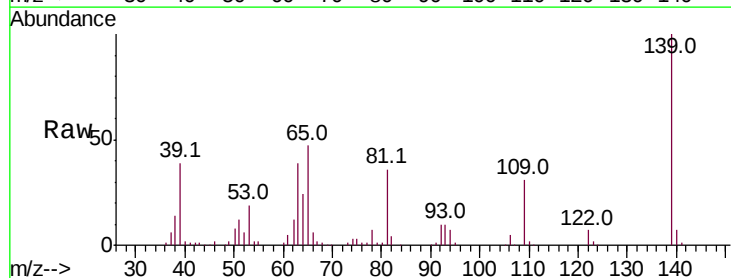
RT: 7.72 min Scan# 958

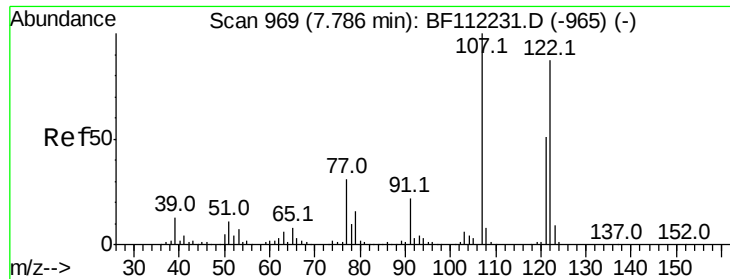
Delta R.T. -0.02 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	139	Resp:	121385
Ion Ratio	Lower	Upper	
139	100		
109	31.5	20.8	31.2#
65	46.8	34.4	51.6





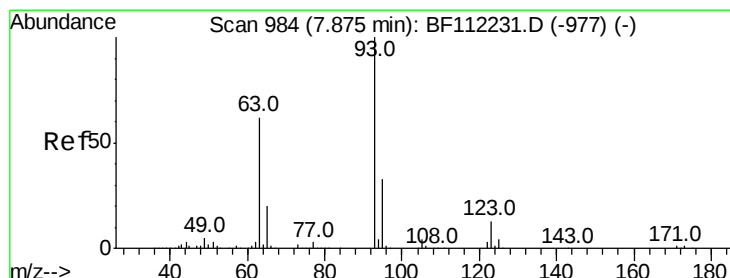
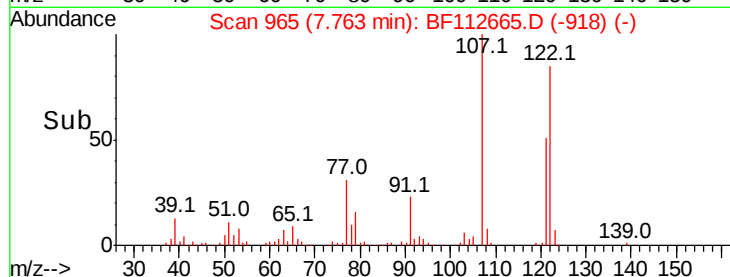
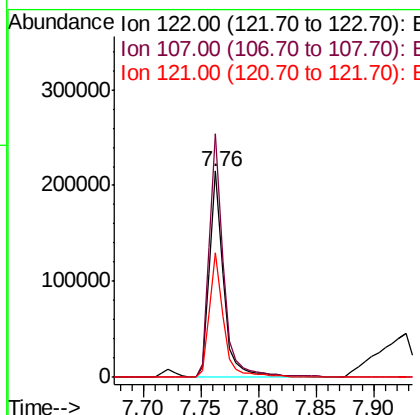
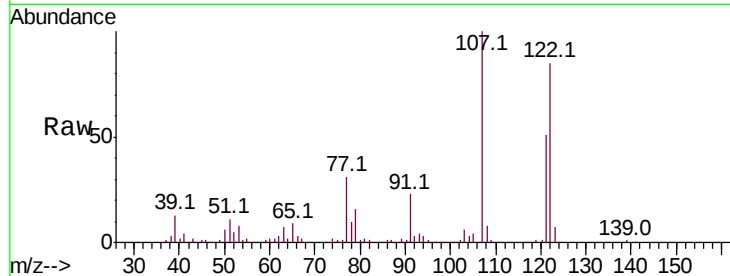
#27
2,4-Dimethylphenol
Concen: 46.941 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	85.4	128.0
121	60.2	47.0	70.4

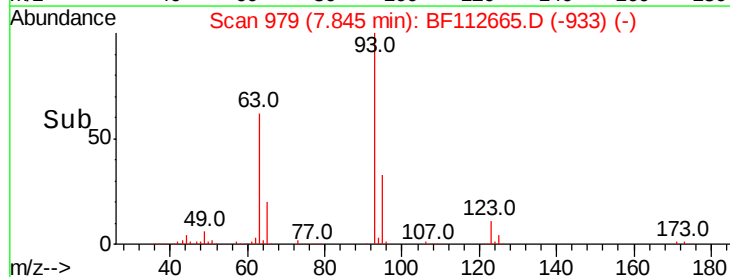
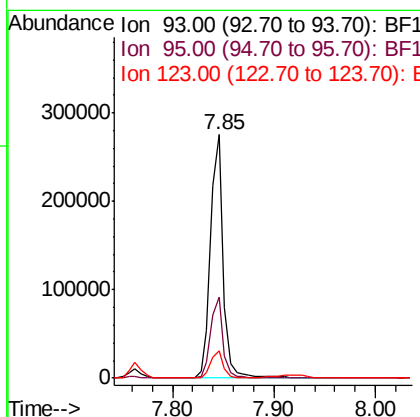
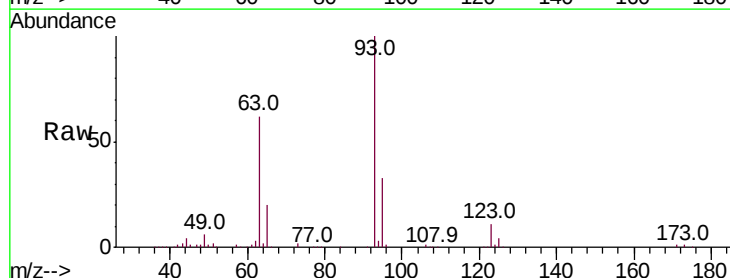
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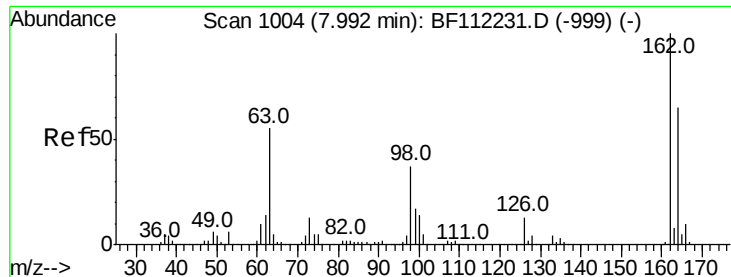
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.384 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	11.4	10.2	15.2





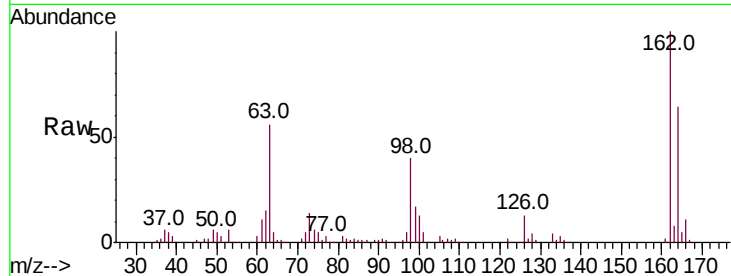
#29
 2,4-Dichlorophenol
 Concen: 42.488 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

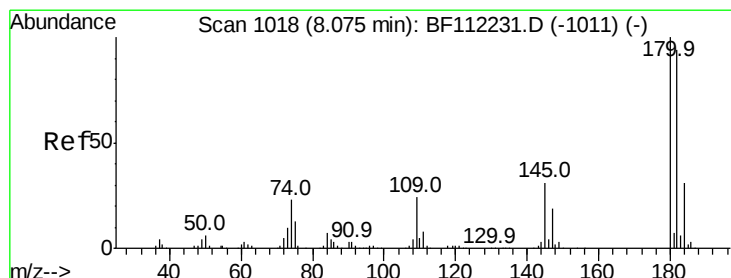
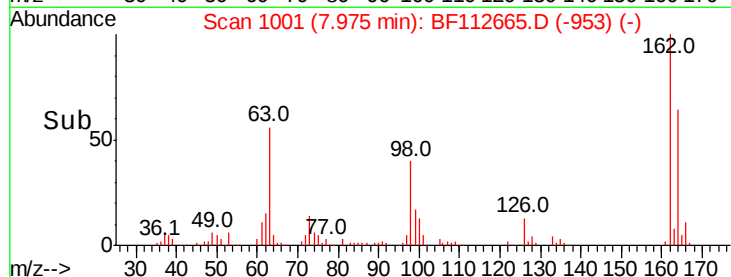
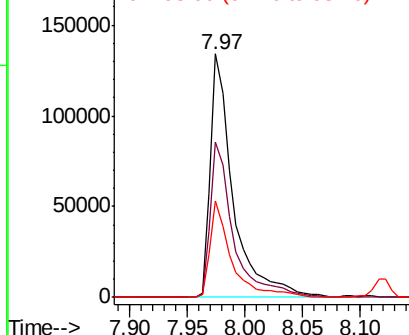
Tot Ion	Ratio	Resp	Lower	Upper
162	100	185671		
164	63.6	44.6	84.6	
98	39.5	14.6	54.6	

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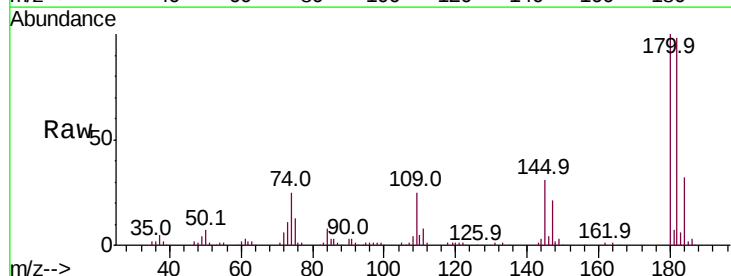


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

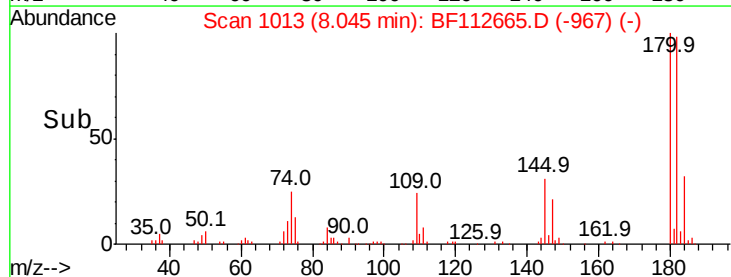
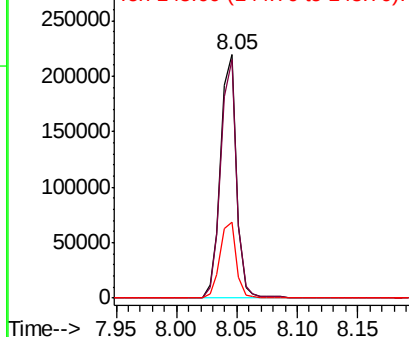


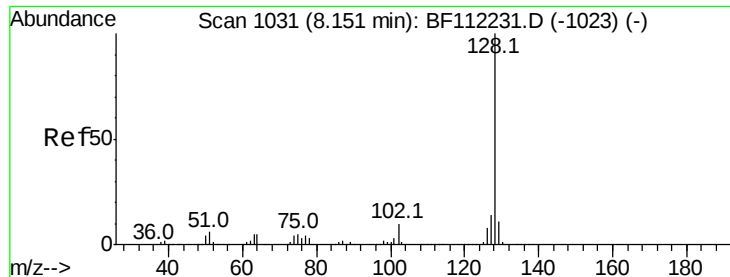
#30
 1,2,4-Trichlorobenzene
 Concen: 40.027 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.03 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	201063		
182	97.8	76.4	114.6	
145	31.1	25.0	37.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





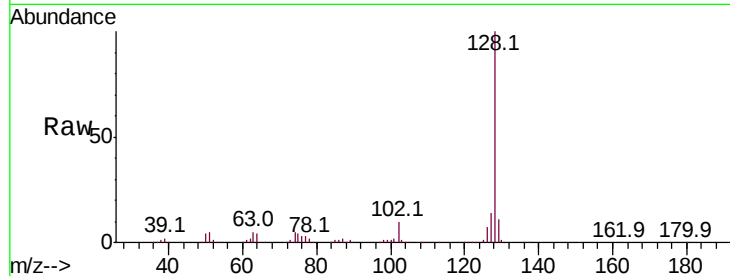
#31
Naphthalene
Concen: 45.089 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

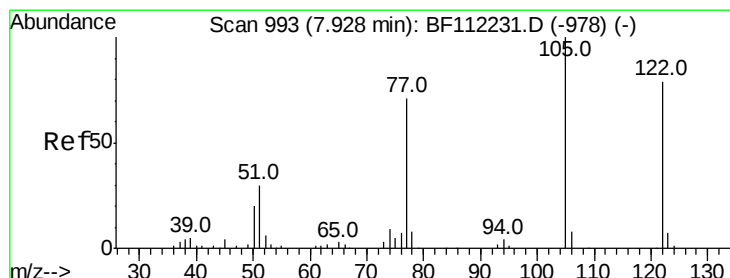
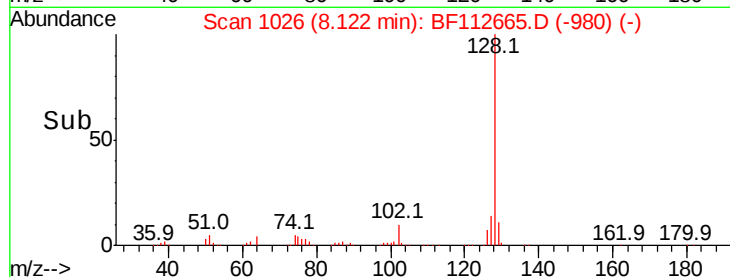
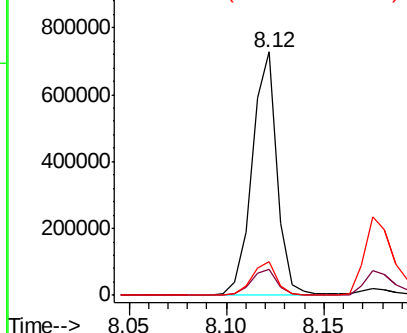
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.6	14.4
127	13.8	11.1	16.7

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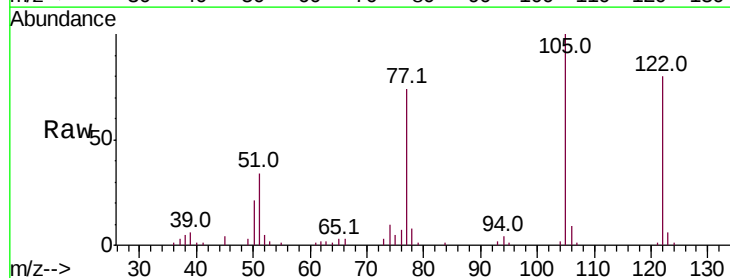


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

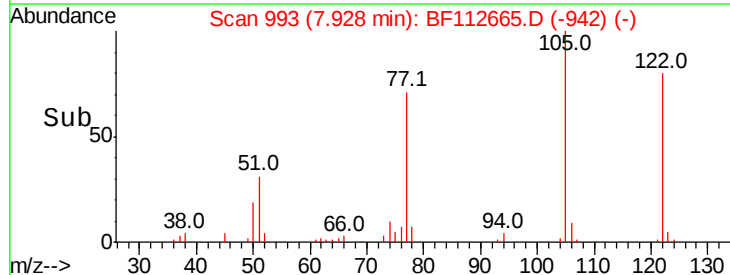
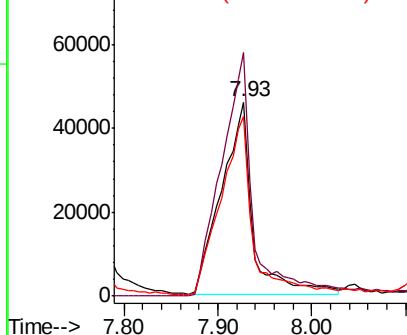


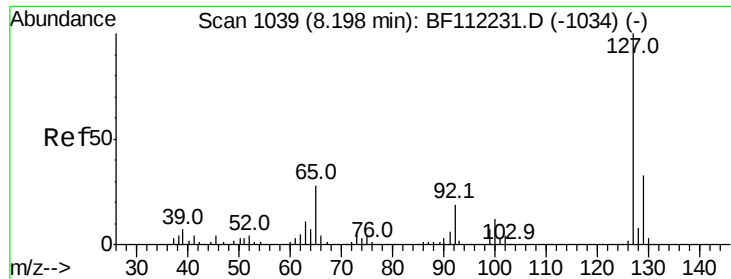
#32
Benzoic acid
Concen: 47.951 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	101.2	141.2
77	93.0	70.4	110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





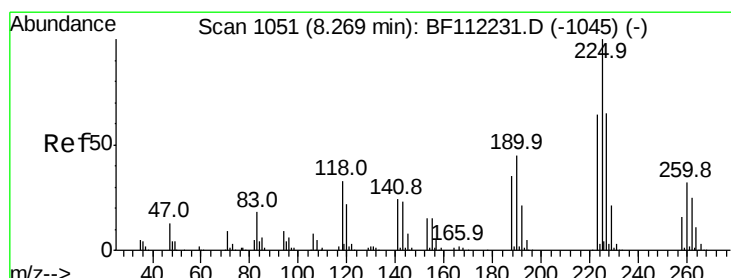
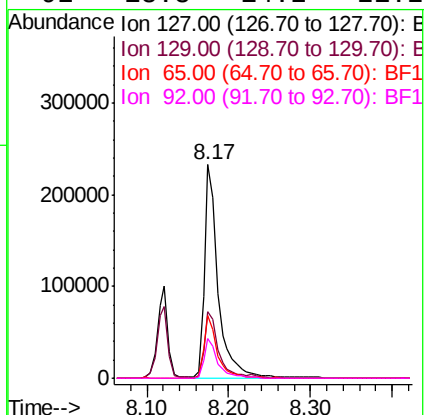
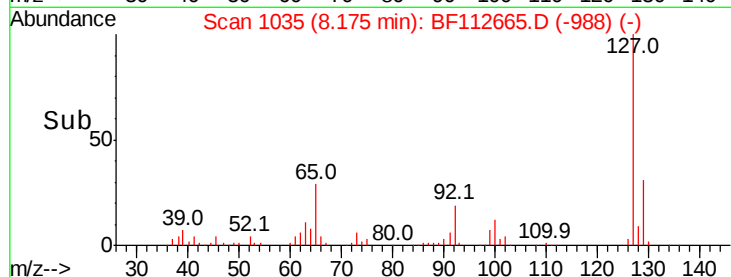
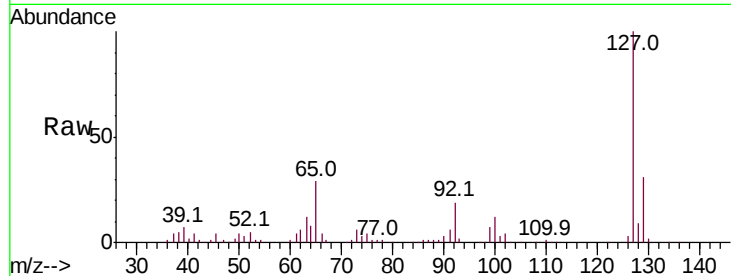
#33
4-Chloroaniline
Concen: 43.982 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	26.6	39.8		
65	29.2	21.4	32.2		
92	18.8	14.2	21.2		

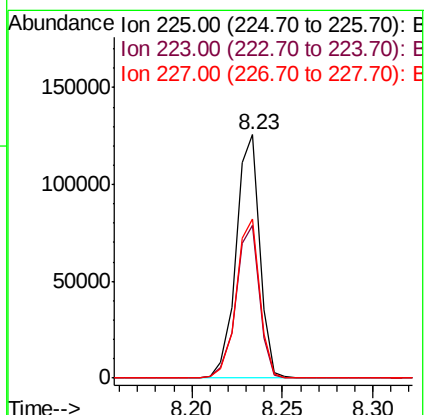
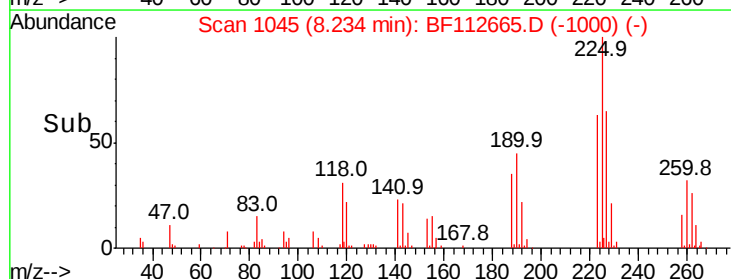
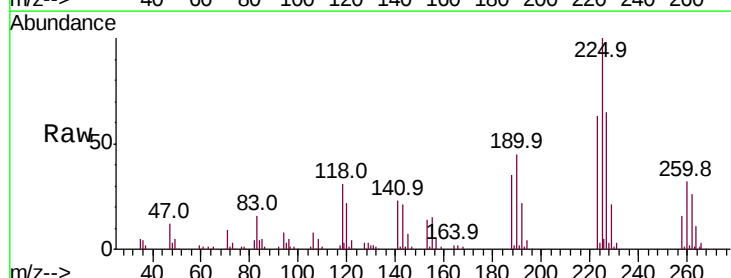
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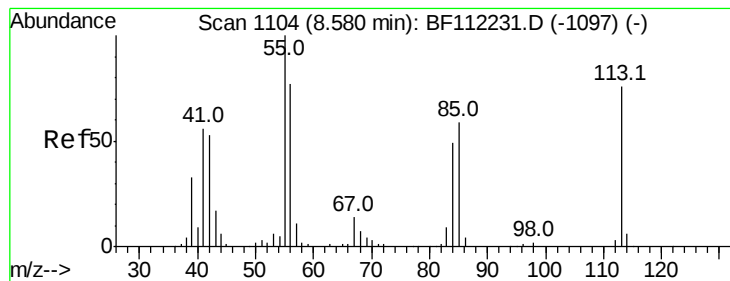
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#34
Hexachlorobutadiene
Concen: 38.627 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.3	75.5		
227	65.4	51.8	77.8		





#35

Caprolactam

Concen: 36.638 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

ClientSampleId :

PB117296BS

Tot Ion:113 Resp: 56482

Ion Ratio Lower Upper

113 100

55 144.8 121.6 161.6

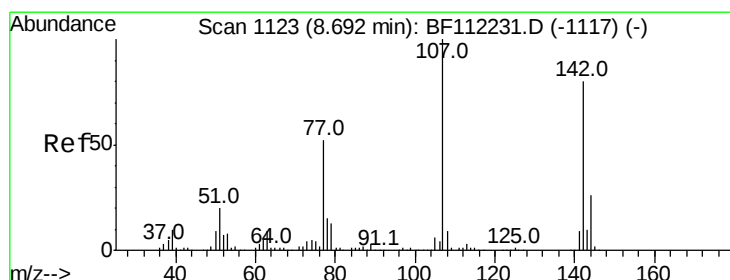
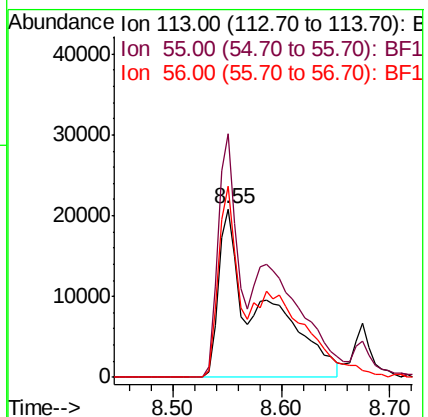
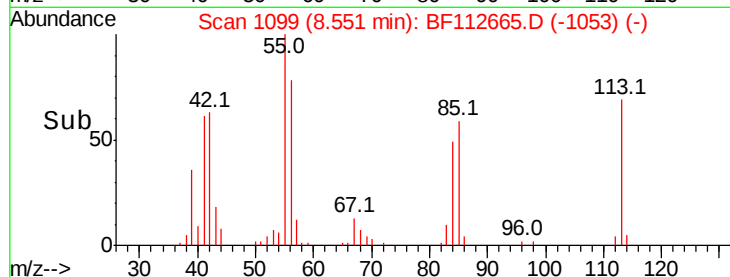
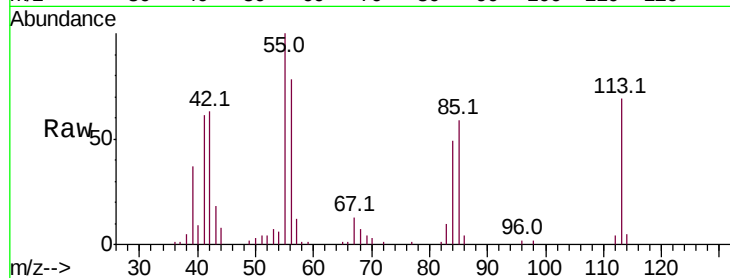
56 113.5 86.7 126.7

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#36

4-Chloro-3-methylphenol

Concen: 43.228 ng/mL

RT: 8.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

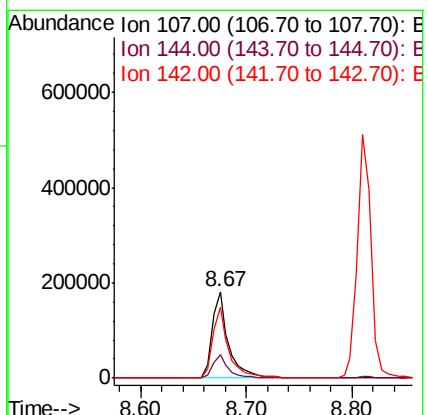
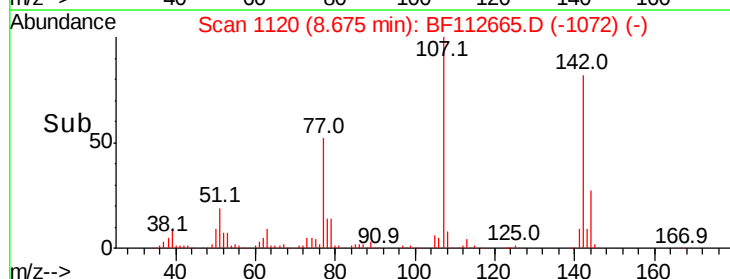
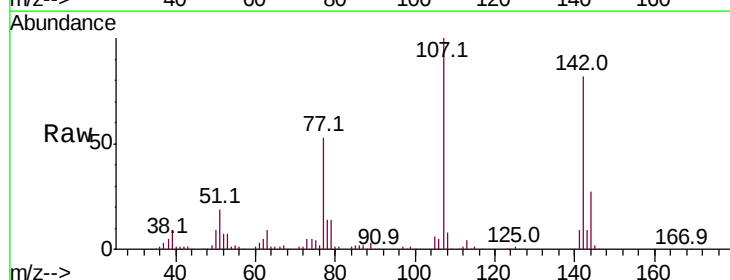
Tgt Ion:107 Resp: 199977

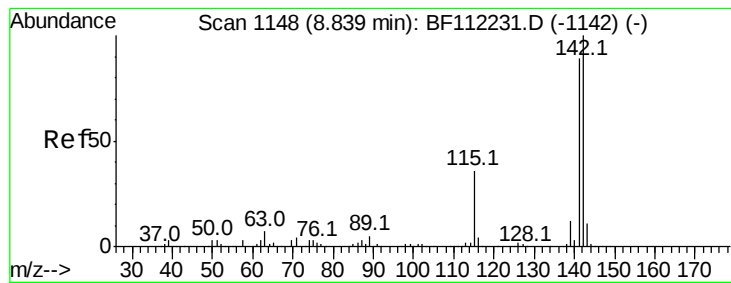
Ion Ratio Lower Upper

107 100

144 26.6 22.2 33.2

142 82.2 67.7 101.5





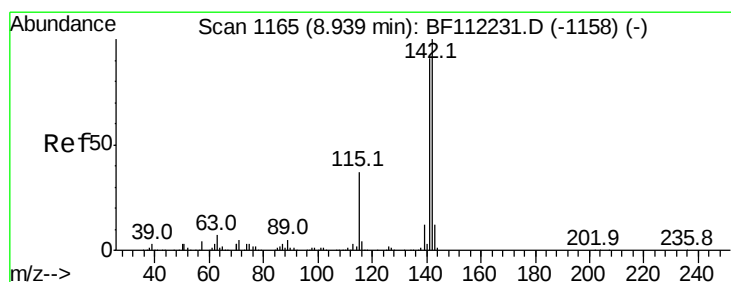
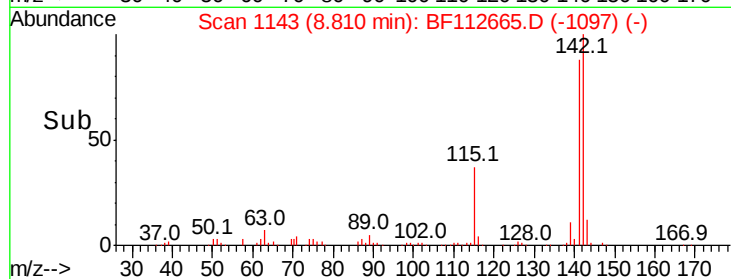
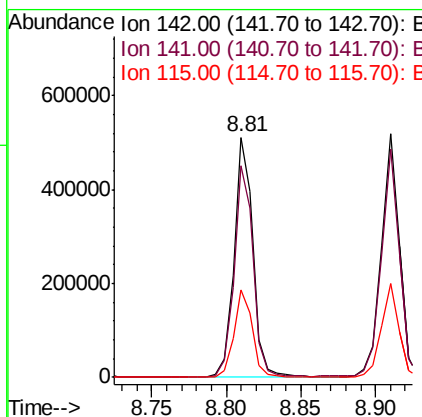
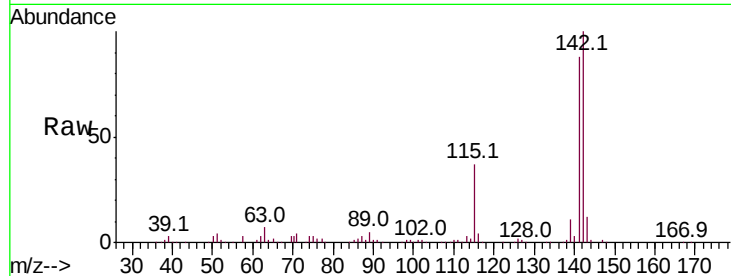
#37
2-Methylnaphthalene
Concen: 46.488 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.2	70.9	106.3	
115	36.7	24.9	37.3	

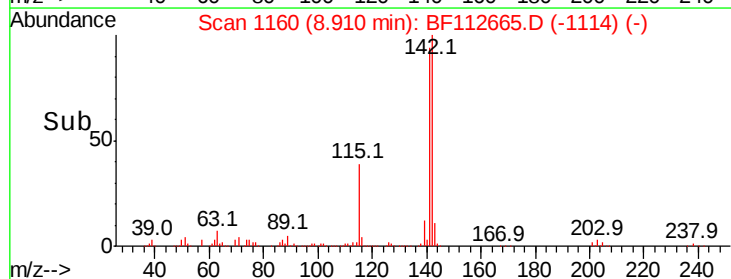
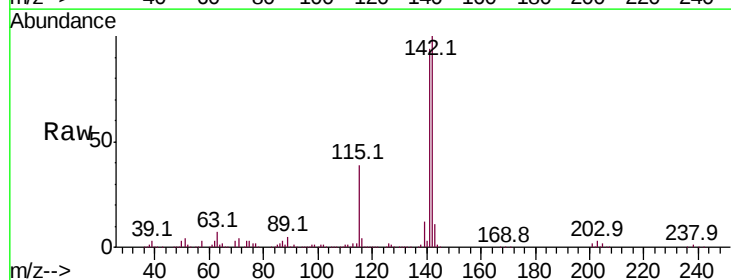
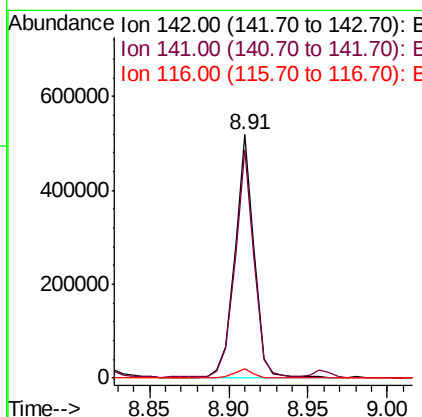
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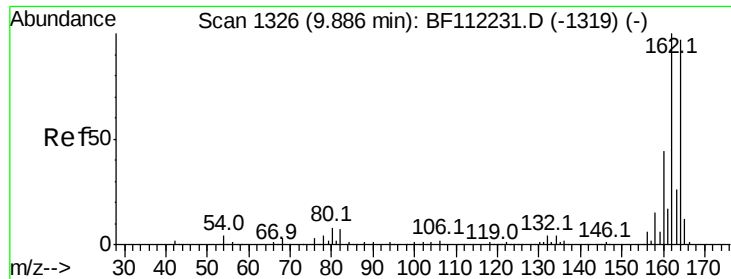
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#38
1-Methylnaphthalene
Concen: 45.866 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	93.8	72.6	108.8	
116	3.9	2.8	4.2	





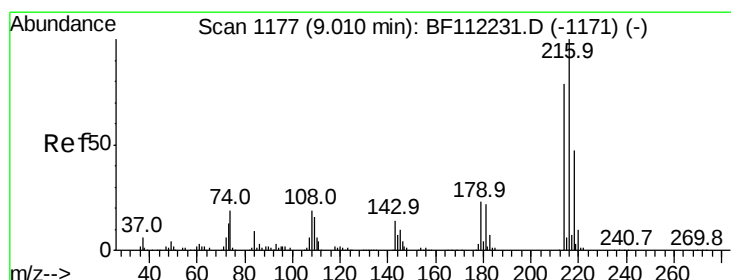
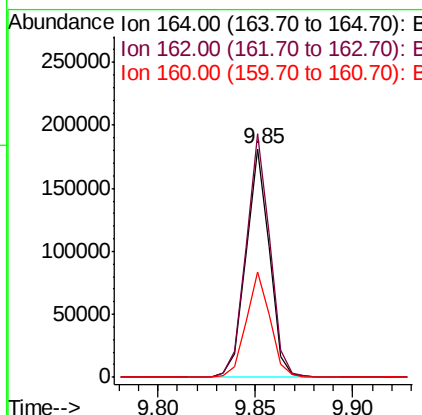
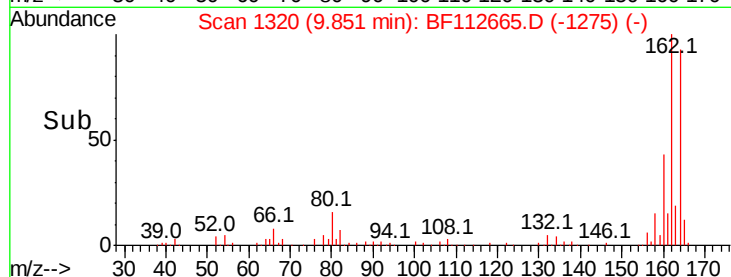
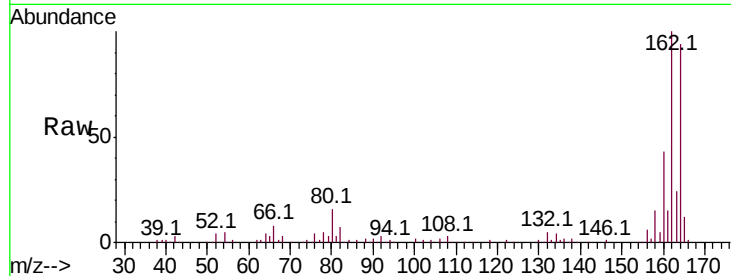
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	150741		
162	106.6	82.2	123.4	
160	45.9	36.2	54.4	

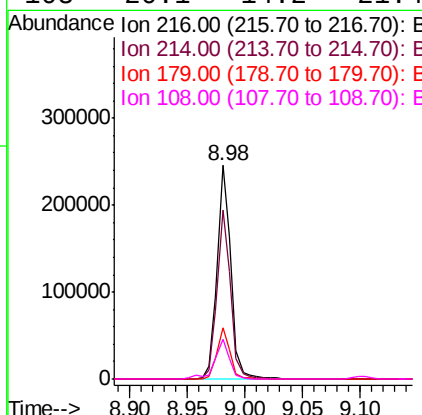
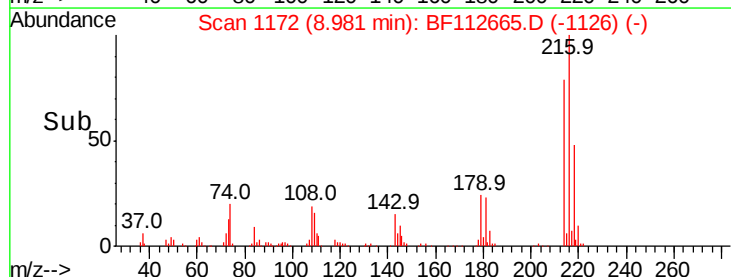
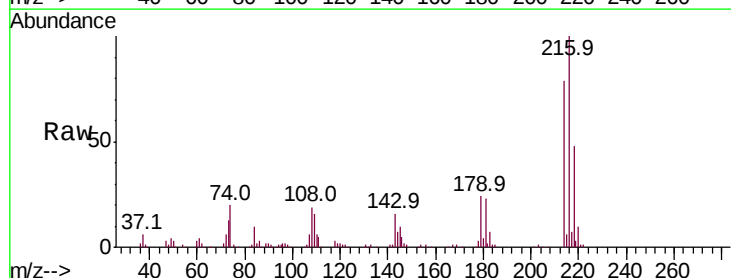
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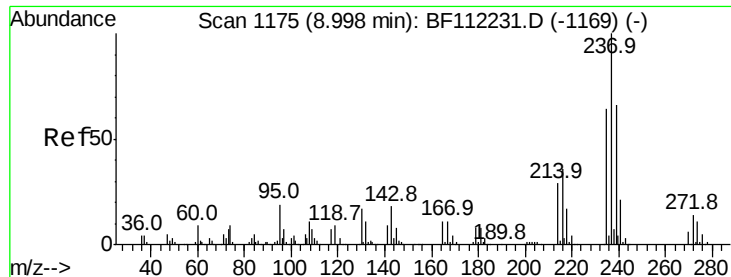
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.875 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	202307		
214	77.9	63.8	95.6	
179	22.6	16.9	25.3	
108	20.1	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 51.576 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.04 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

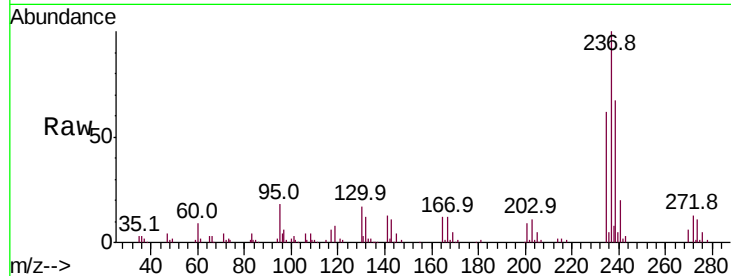
ClientSampleId :

PB117296BS

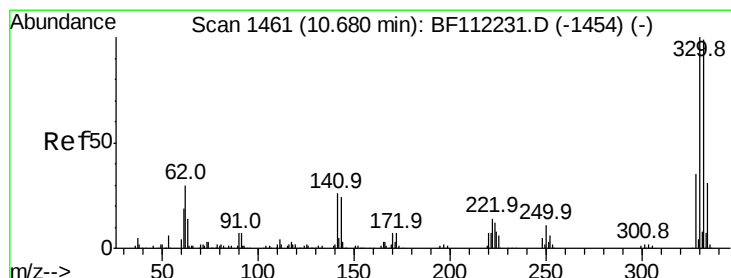
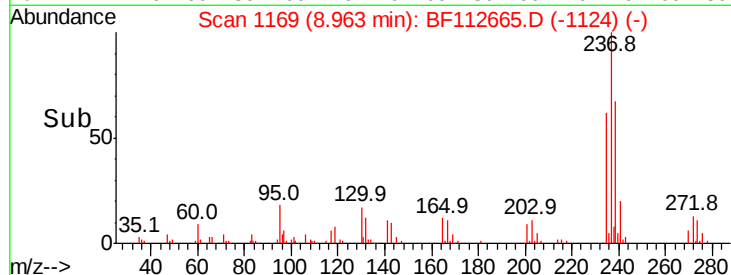
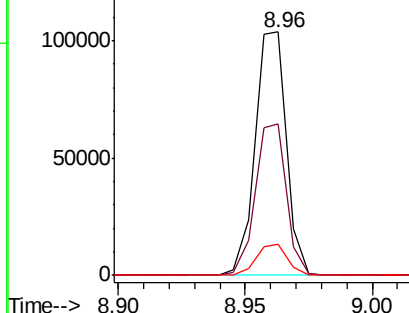
Tot Ion:	237	Resp:	89556
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.0	84.0
272	12.8	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.740 ng

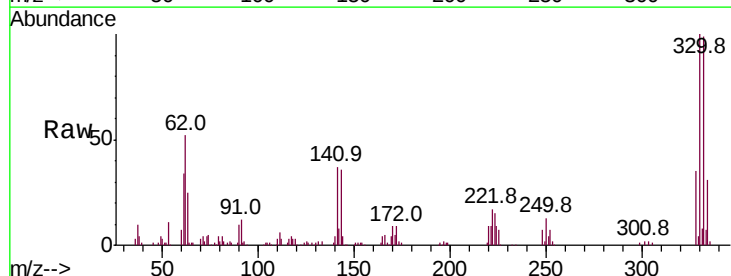
RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

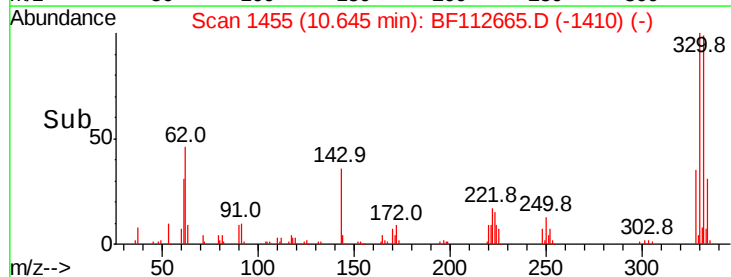
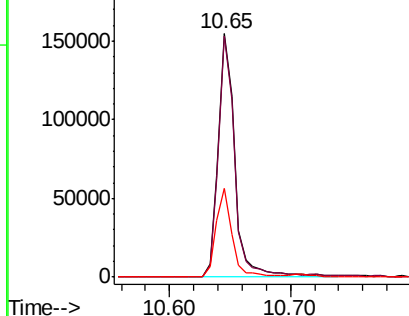
Lab File: BF112665.D

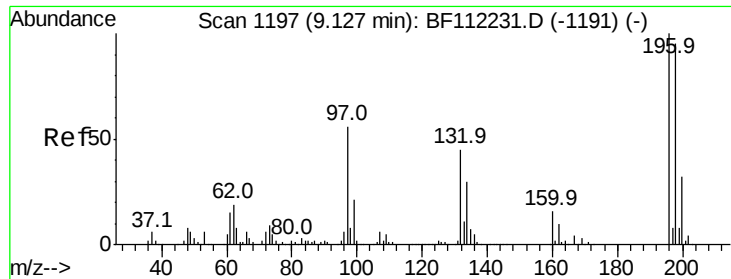
Acq: 22 Feb 2019 15:41

Tgt Ion:	330	Resp:	146929
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.6	114.8
141	35.1	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





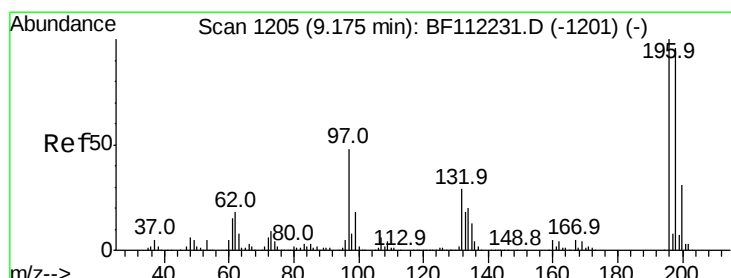
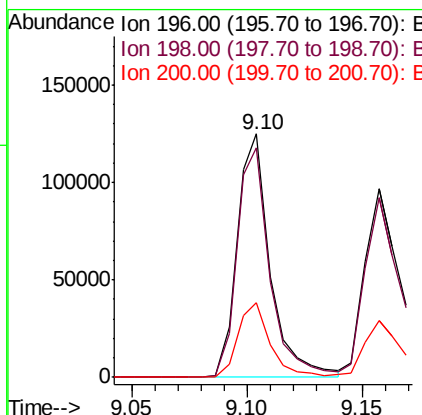
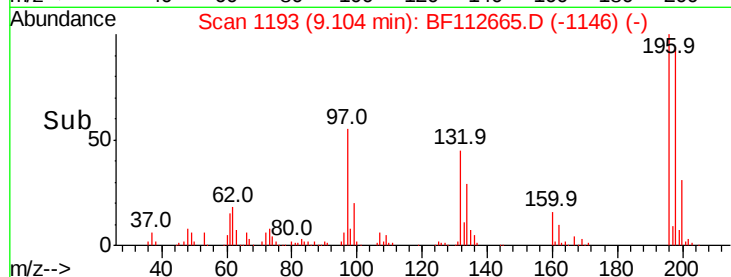
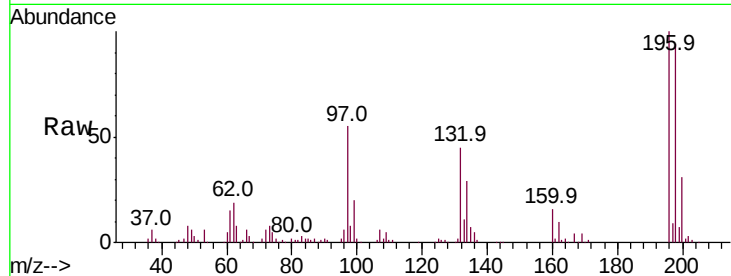
#43
 2,4,6-Trichlorophenol
 Concen: 40.794 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

Tot Ion:	196	Resp:	124456
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.4
200	30.9	24.3	36.5

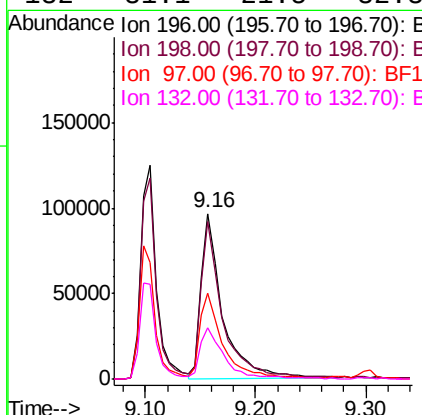
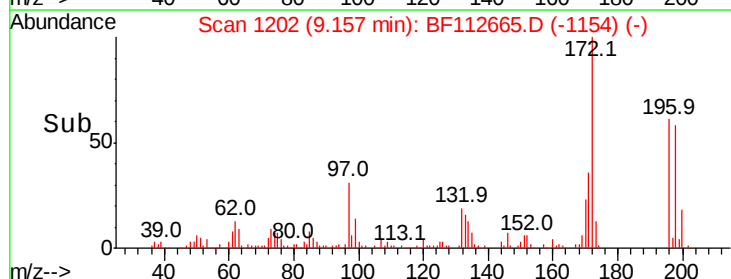
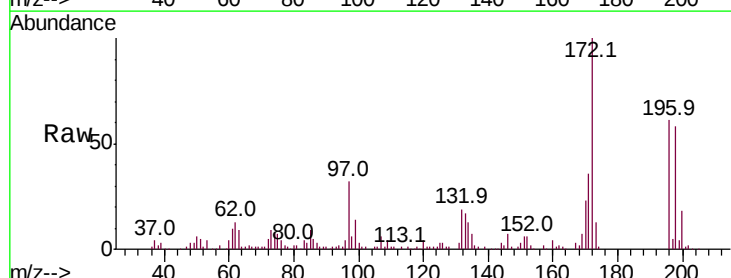
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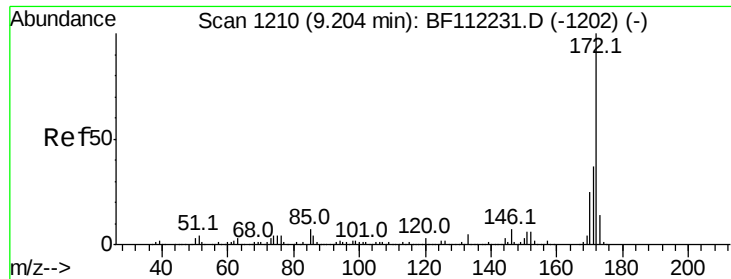
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 39.766 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion:	196	Resp:	126794
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.0	114.0
97	51.8	36.4	54.6
132	31.1	21.5	32.3





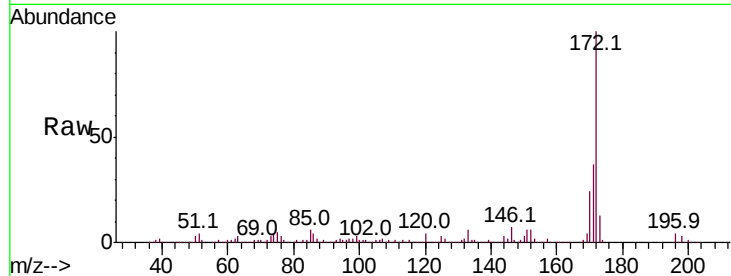
#45
2-Fluorobiphenyl
Concen: 83.463 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampled :
PB117296BS

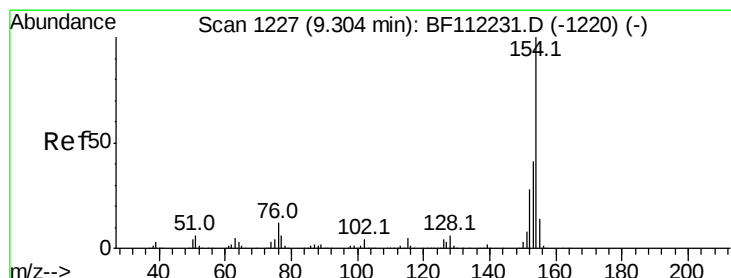
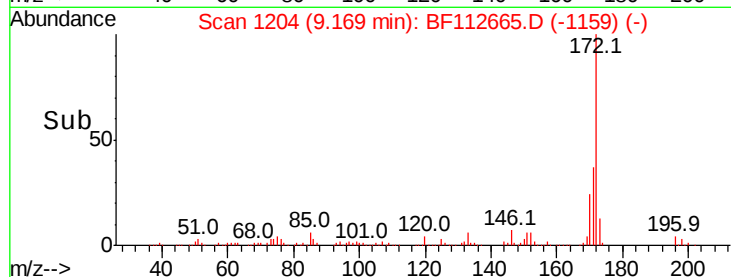
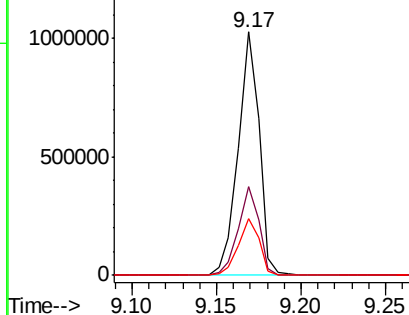
Tot Ion	Ratio	Resp	Lower	Upper
172	100	889550		
171	36.7		30.5	45.7
170	23.5		20.2	30.4

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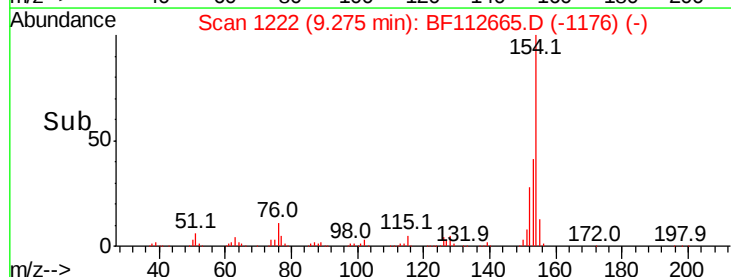
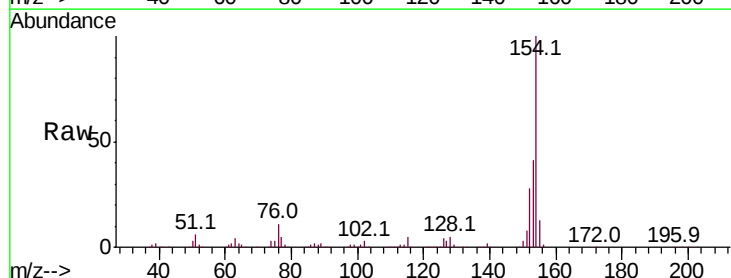
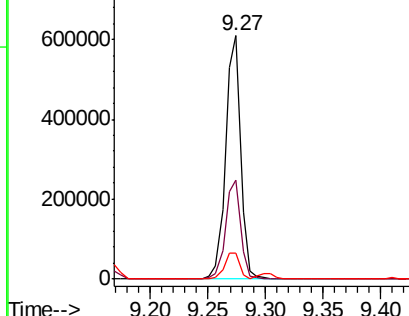
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

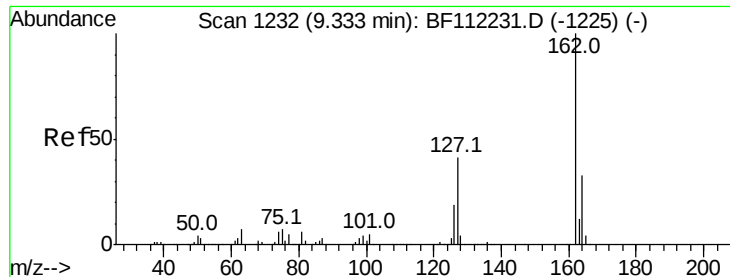


#46
1,1'-Biphenyl
Concen: 41.972 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	553127		
153	40.7		21.5	61.5
76	10.5		0.0	33.1

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





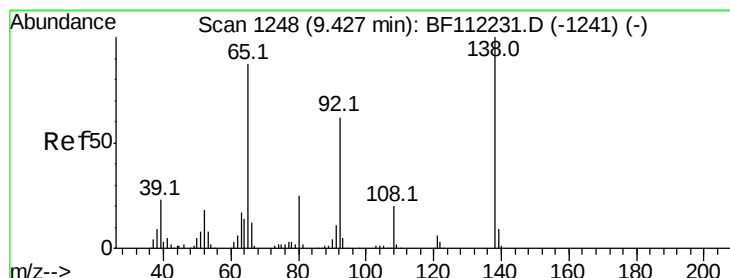
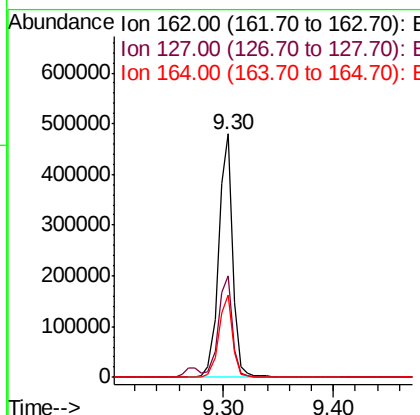
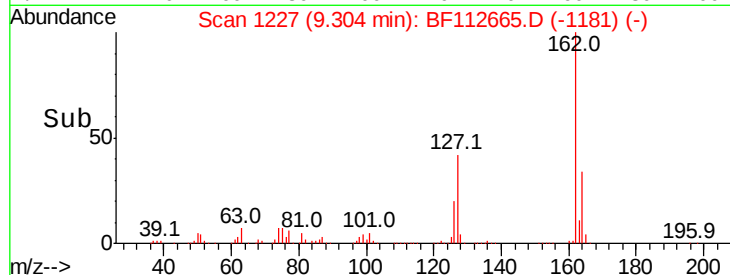
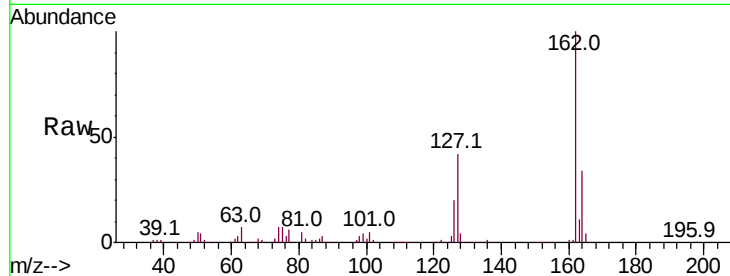
#47
 2-Chloronaphthalene
 Concen: 41.226 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.8	30.4	45.6	
164	34.0	27.4	41.2	

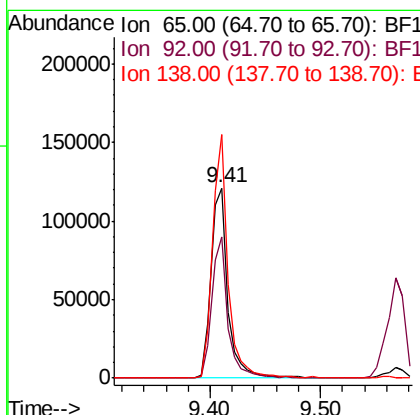
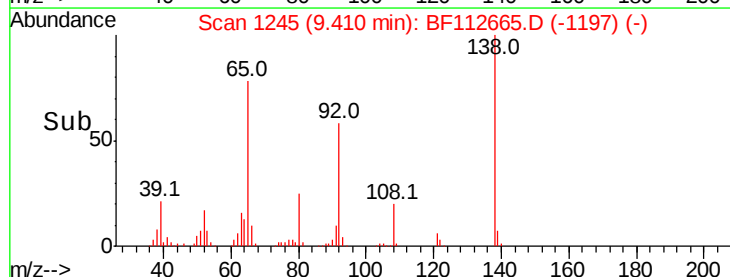
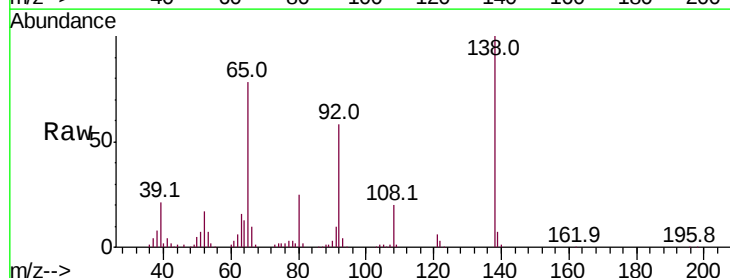
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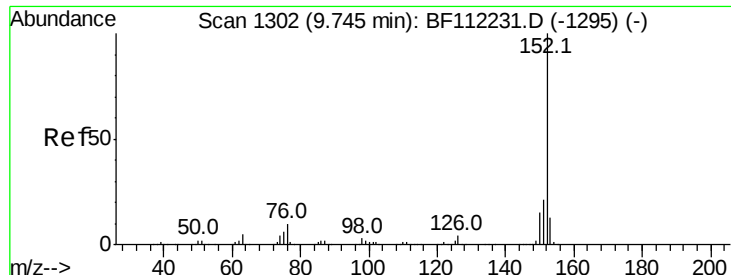
Sohil
 2/25/2019 9:21:50 AM



#48
 2-Nitroaniline
 Concen: 45.026 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.2	60.4	90.6	
138	127.9	104.4	156.6	





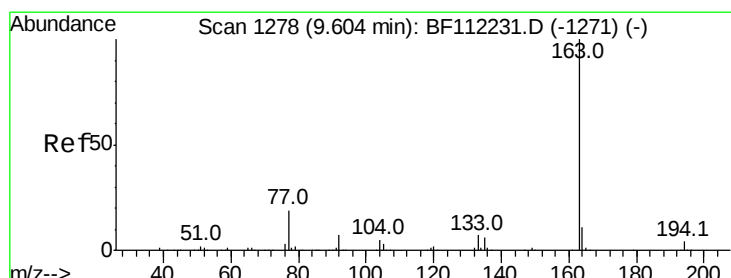
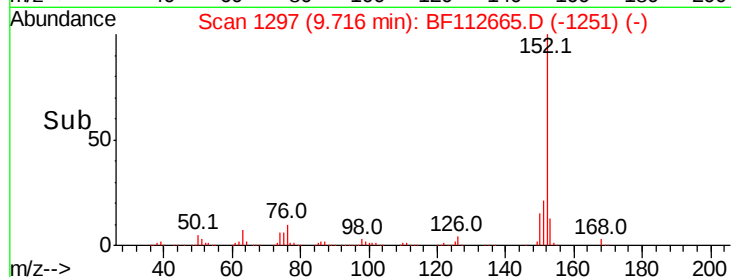
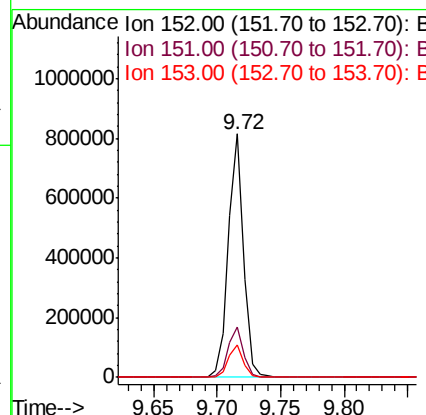
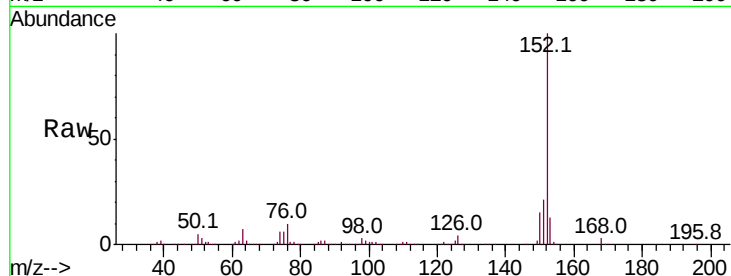
#49
Acenaphthylene
Concen: 45.431 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	680492		
151	20.5		17.0	25.6
153	13.1		11.2	16.8

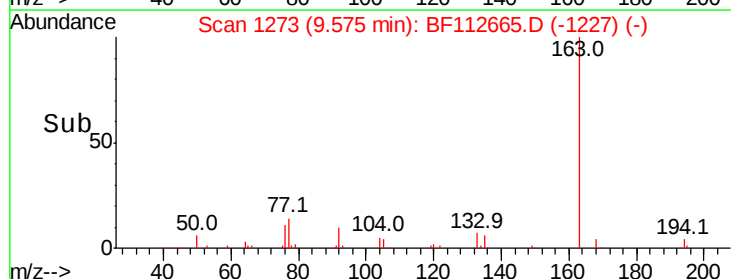
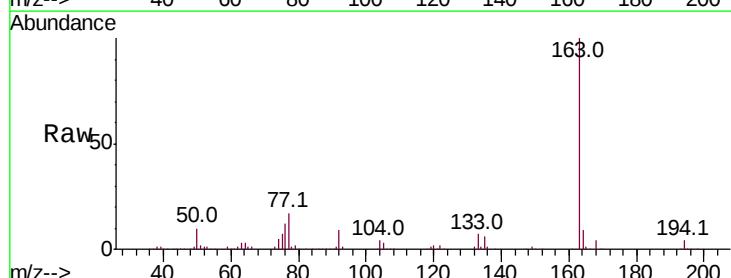
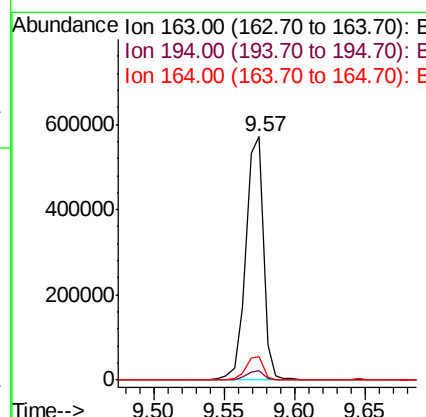
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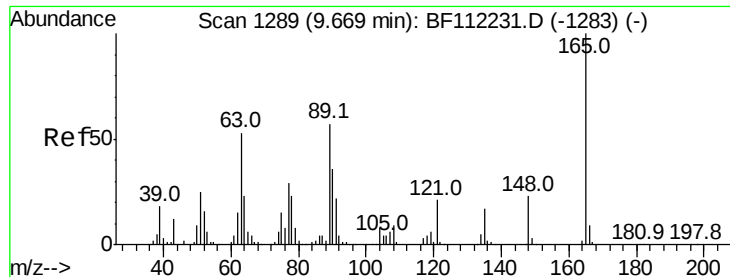
Sohil
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#50
Dimethylphthalate
Concen: 42.745 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	500623		
194	3.7		3.3	4.9
164	9.4		8.5	12.7





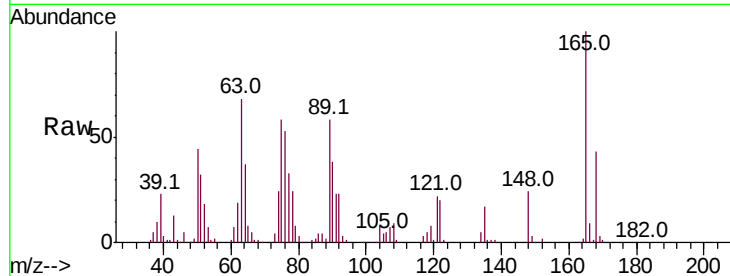
#51
 2,6-Dinitrotoluene
 Concen: 41.995 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

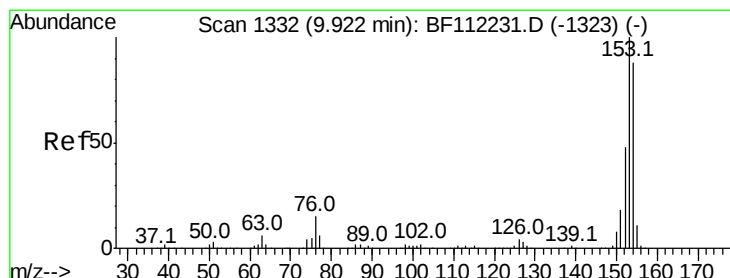
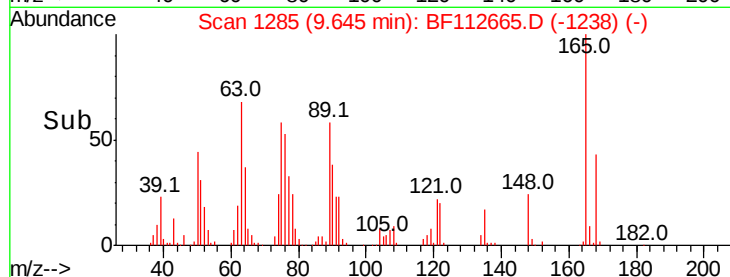
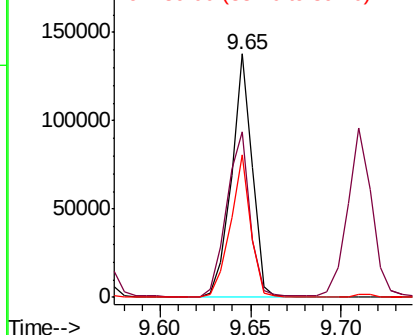
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	67.9	33.8	50.8#
89	58.4	36.9	55.3#

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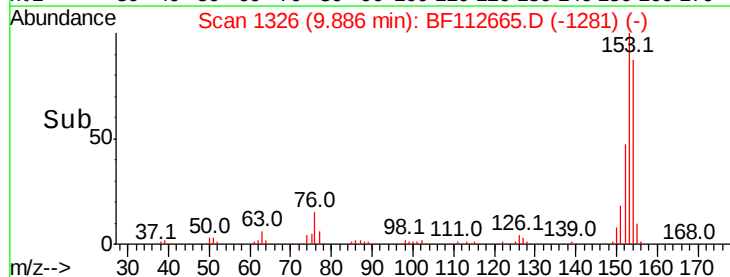
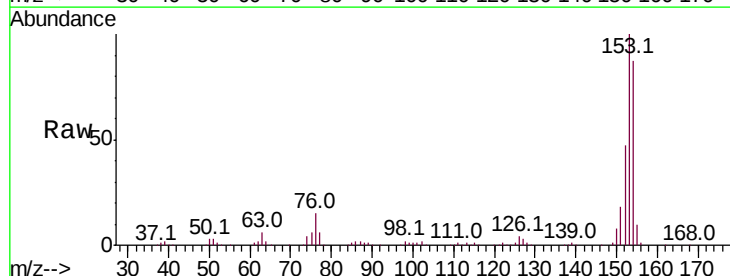
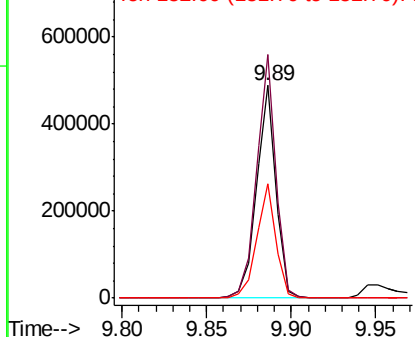
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

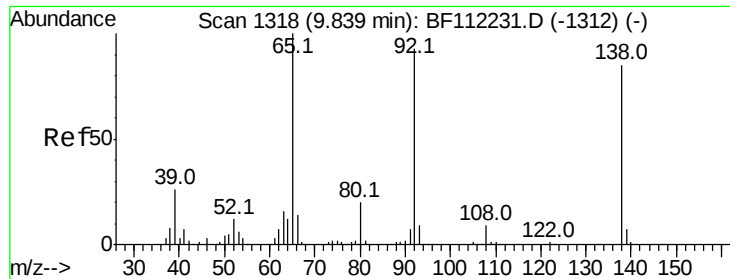


#52
 Acenaphthene
 Concen: 43.886 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.04 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.4	89.8	134.6
152	53.8	43.5	65.3

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





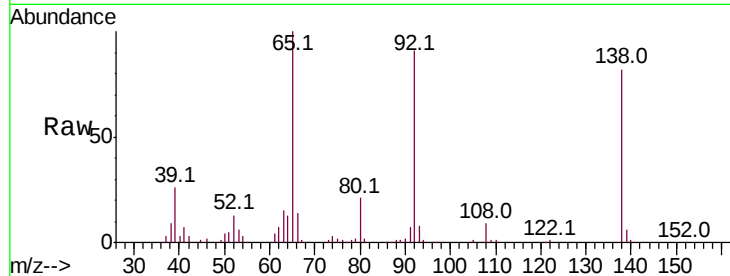
#53
3-Nitroaniline
Concen: 42.140 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.8	14.6
92	110.3	79.4	119.2

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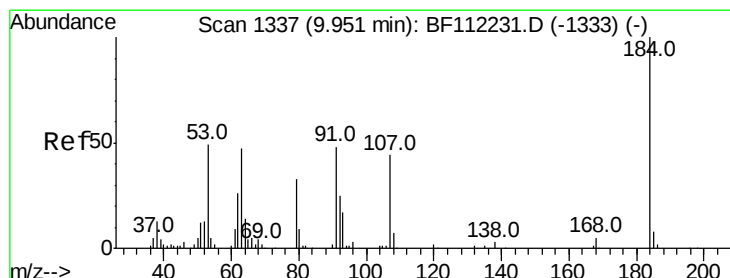
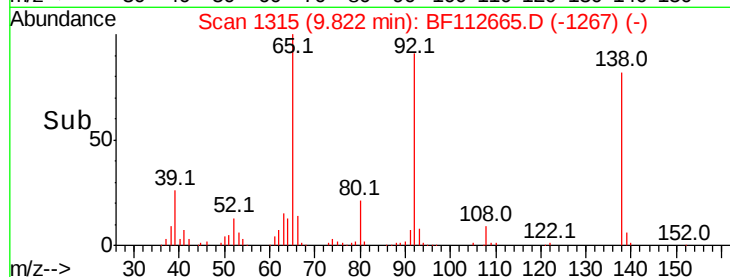
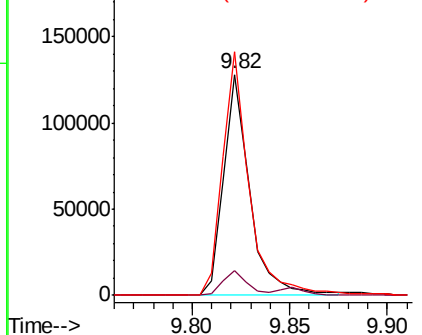


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 91.099 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

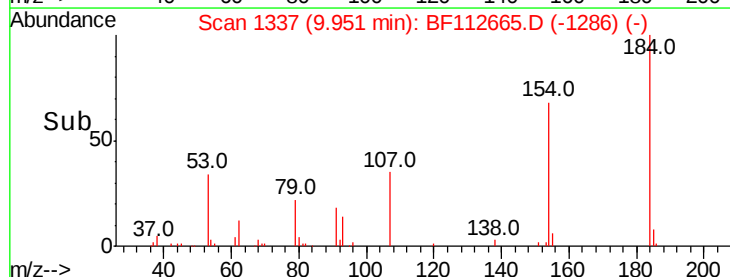
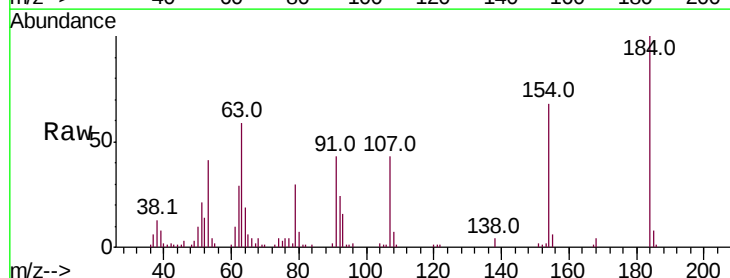
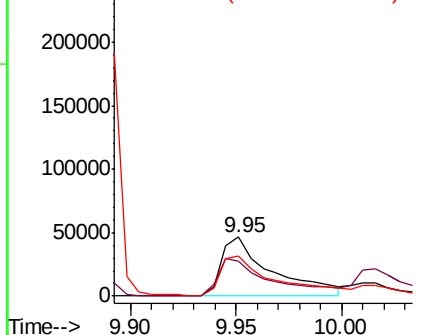
Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	47.1	70.7
154	68.1	48.9	73.3

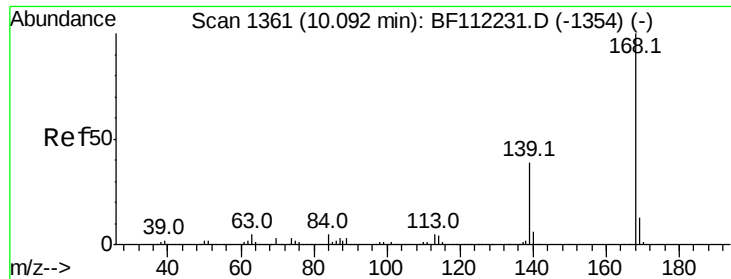
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





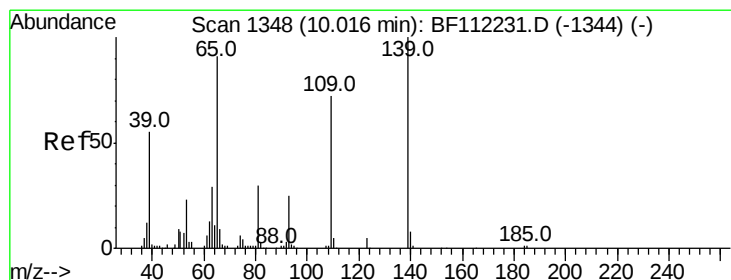
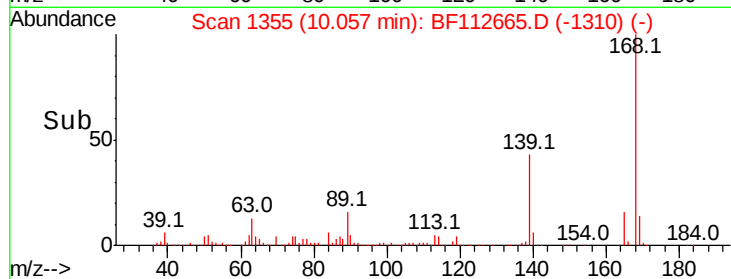
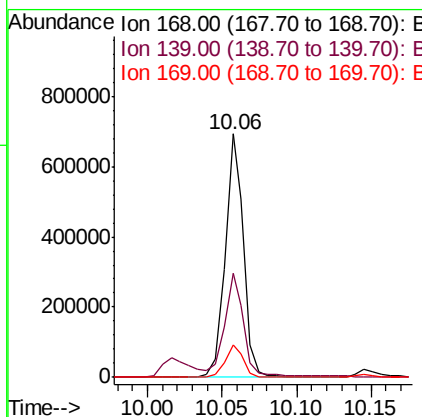
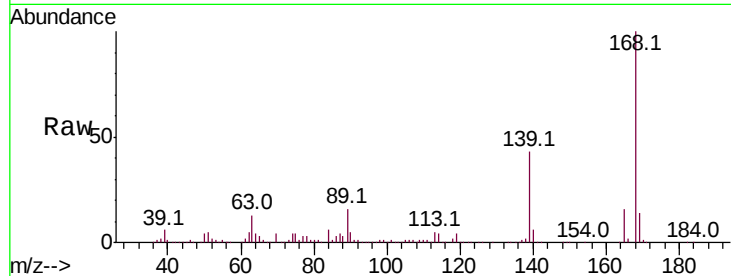
#55
Dibenzofuran
Concen: 43.624 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.0	29.2	43.8
169	13.5	11.4	17.0

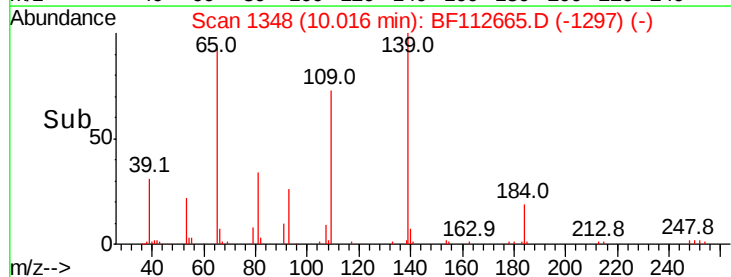
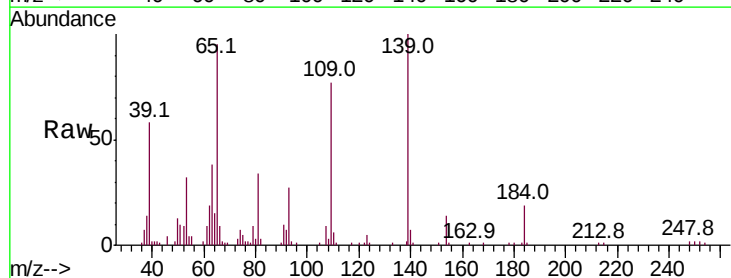
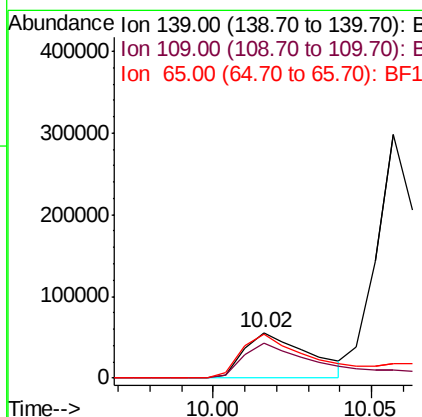
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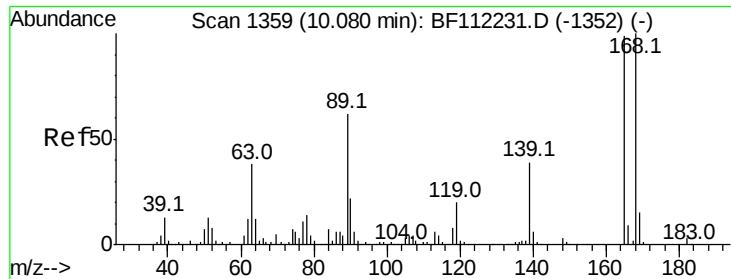
Sohil
2/25/2019 9:21:50 AM



#56
4-Nitrophenol
Concen: 51.722 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	42.8	82.8
65	95.3	66.1	106.1





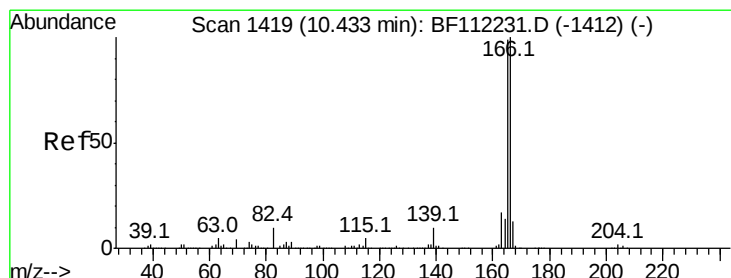
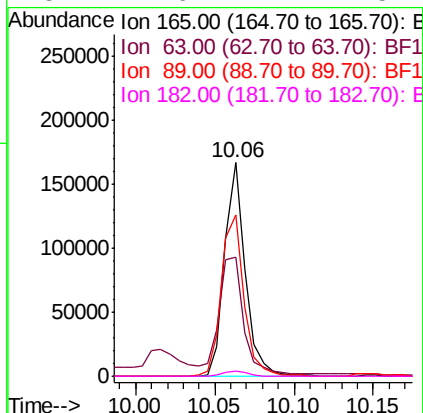
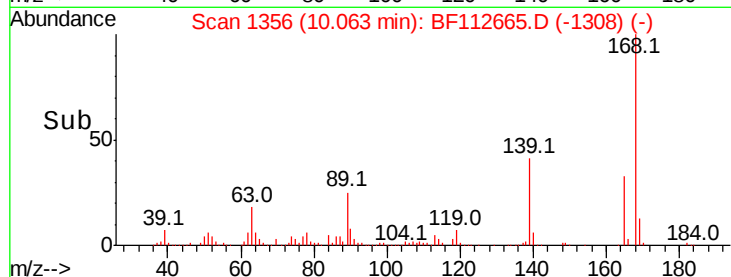
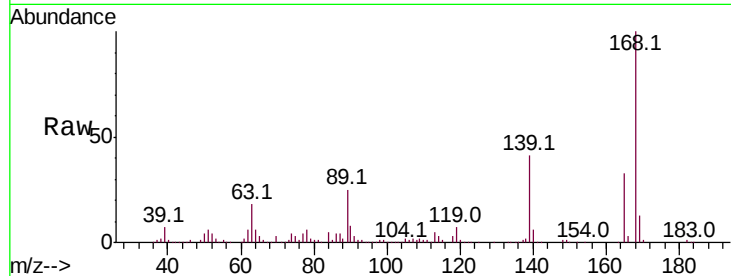
#57
2,4-Dinitrotoluene
Concen: 45.261 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.9	27.9	41.9#	
89	75.8	47.9	71.9#	
182	2.6	2.2	3.4	

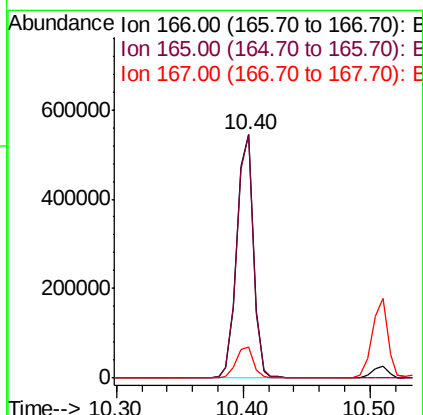
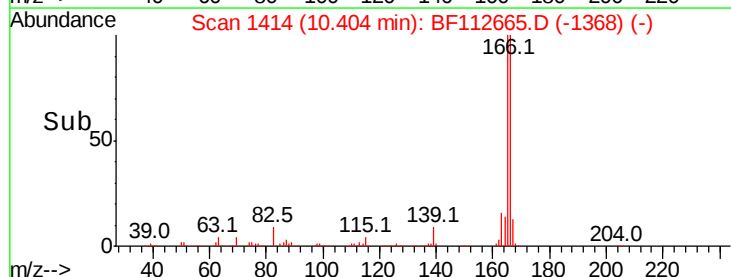
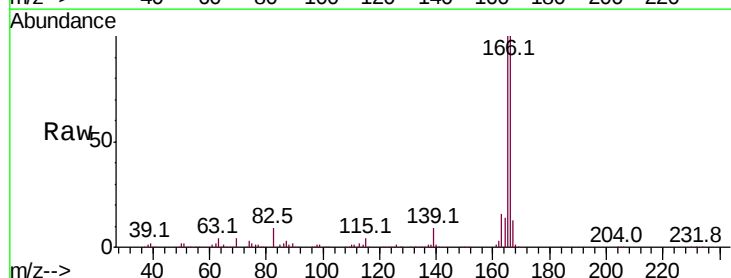
Manual Integrations
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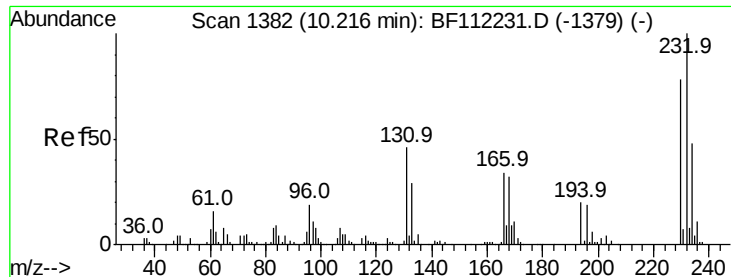
Sohil
2/25/2019 9:21:50 AM



#58
Fluorene
Concen: 47.854 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	77.1	115.7	
167	12.8	11.3	16.9	





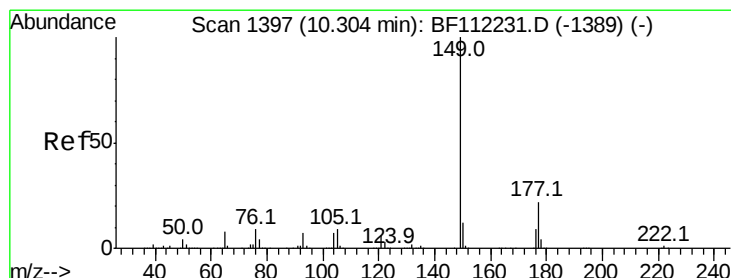
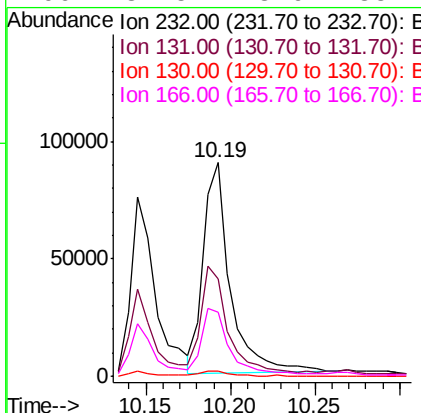
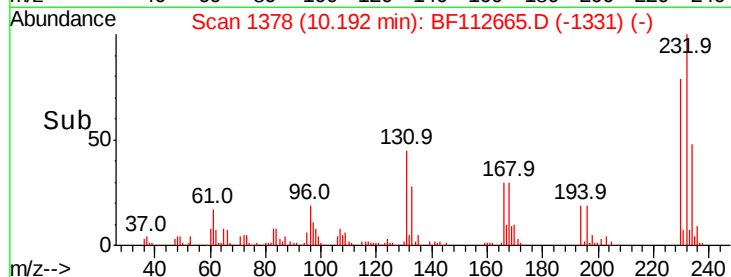
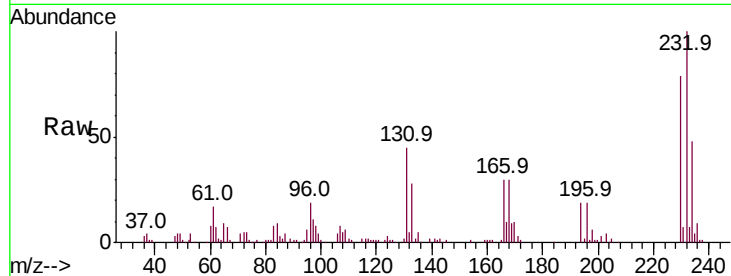
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.806 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	100735		
131	54.2		33.9	50.9#
130	2.6		1.8	2.6
166	32.5		23.6	35.4

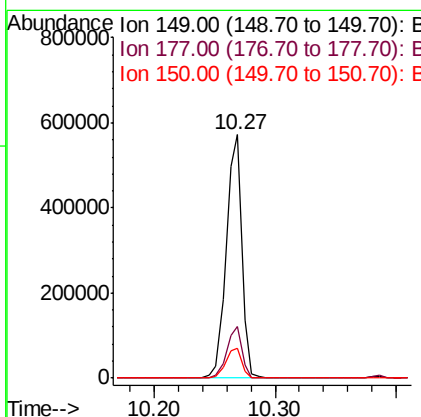
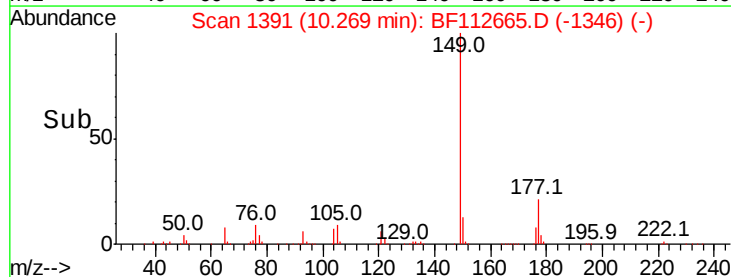
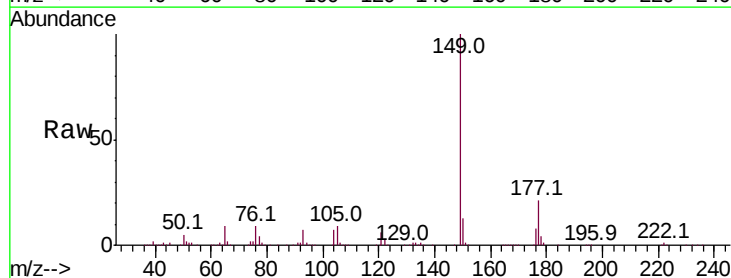
Manual Integrations
 APPROVED

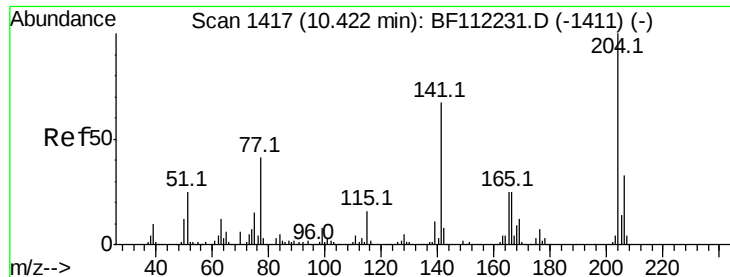
Sohil
 2/25/2019 9:21:50 AM



#60
 Diethylphthalate
 Concen: 43.999 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	511389		
177	21.4		18.2	27.2
150	12.5		10.4	15.6





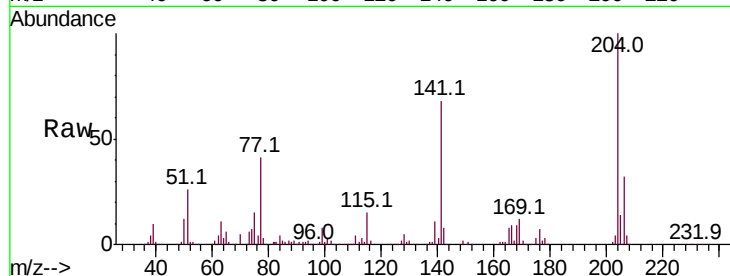
#61
4-Chlorophenyl-phenylether
Concen: 41.268 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampled :
PB117296BS

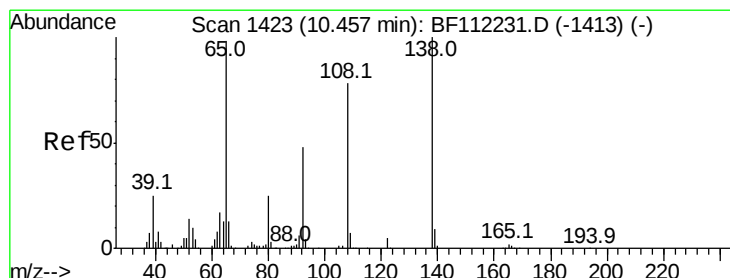
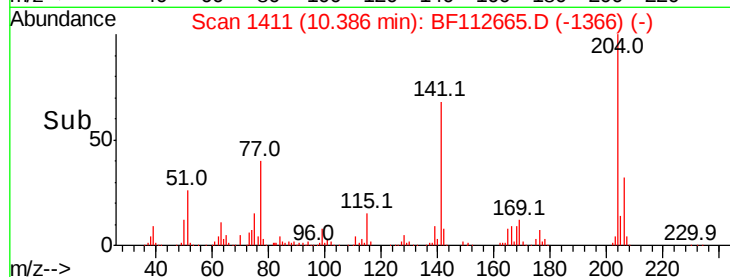
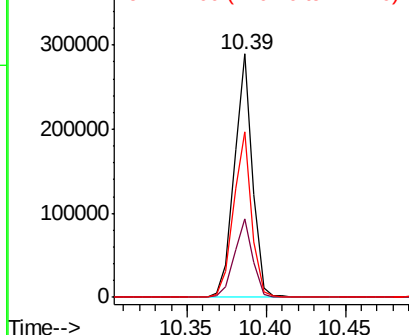
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	68.2	45.9	68.9

Manual Integrations
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2/25/2019 9:21:50 AM

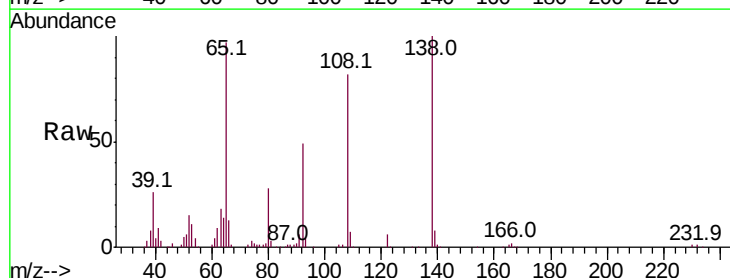


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

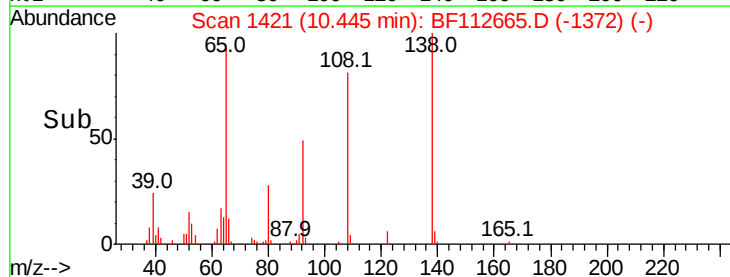
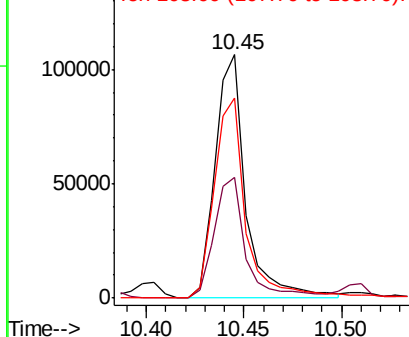


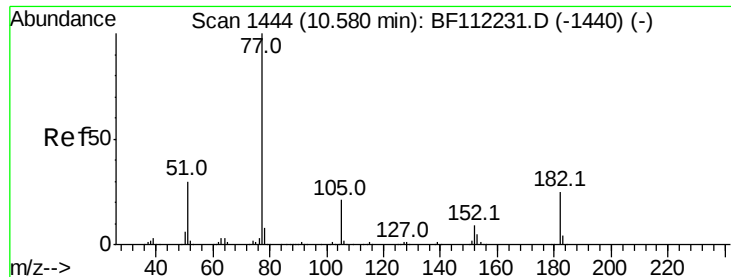
#62
4-Nitroaniline
Concen: 41.563 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.6	70.6
108	82.0	50.0	90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





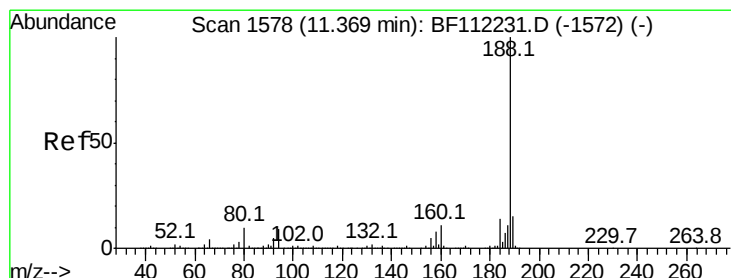
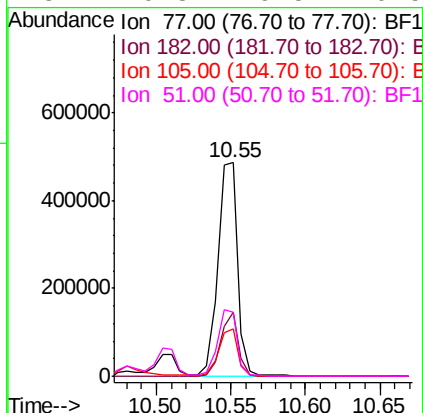
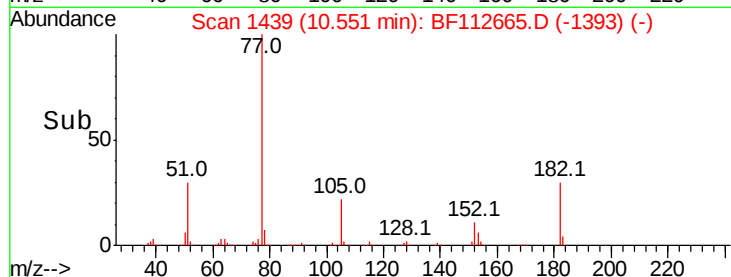
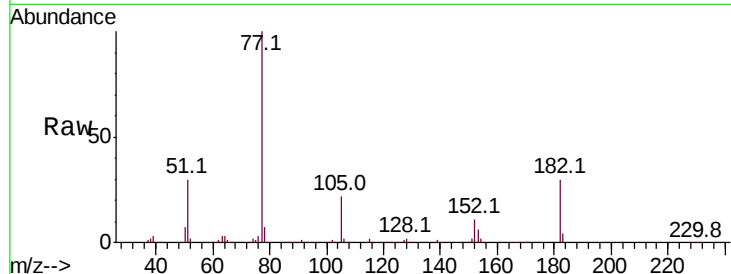
#63
Azobenzene
Concen: 44.205 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.1	5.7	45.7
105	22.5	1.4	41.4
51	29.8	9.5	49.5

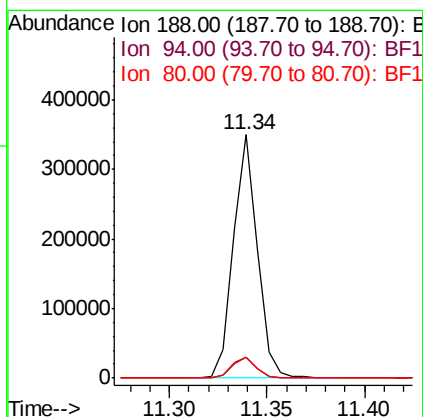
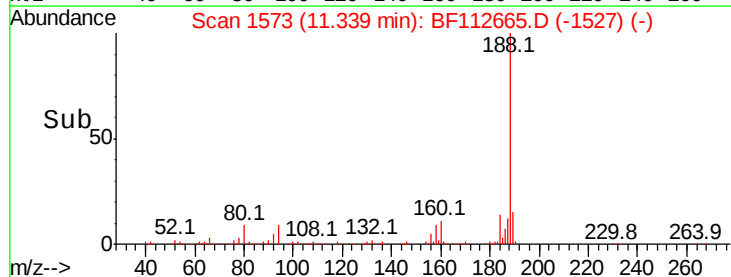
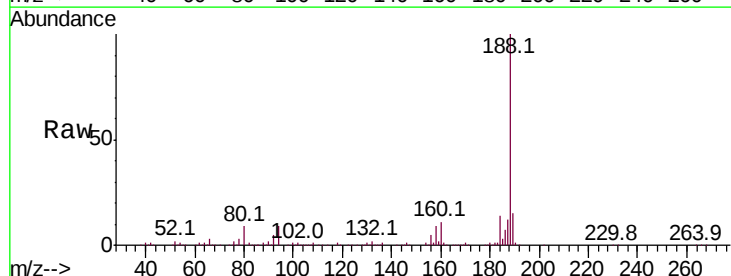
Manual Integrations
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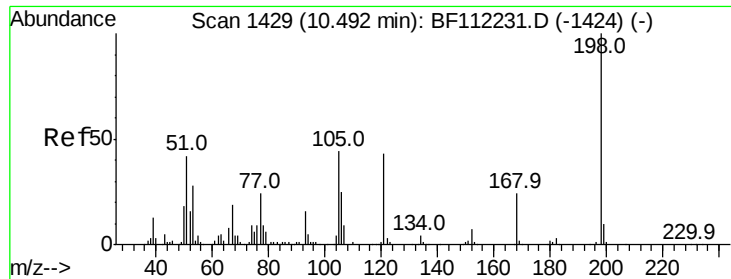
Sohil
2/25/2019 9:21:50 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	8.7	8.9	13.3#





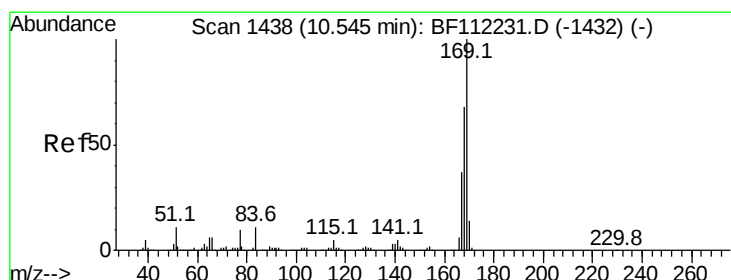
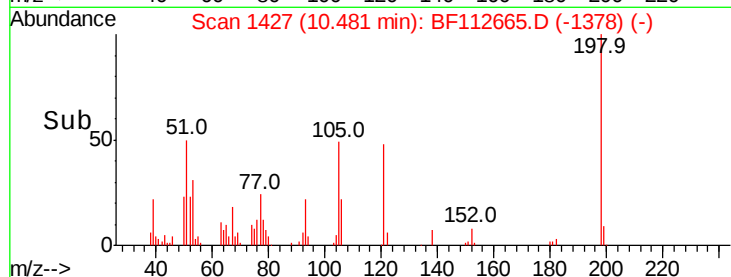
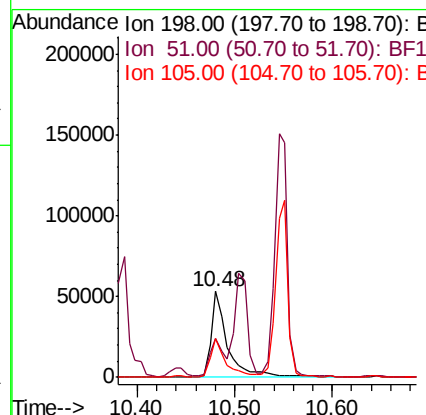
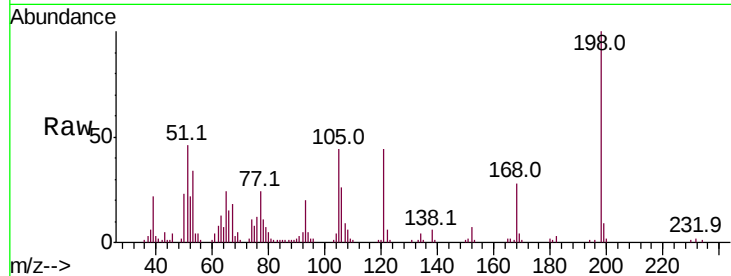
#65
4,6-Dinitro-2-methylphenol
Concen: 37.504 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.5	17.2	57.2
105	44.5	21.9	61.9

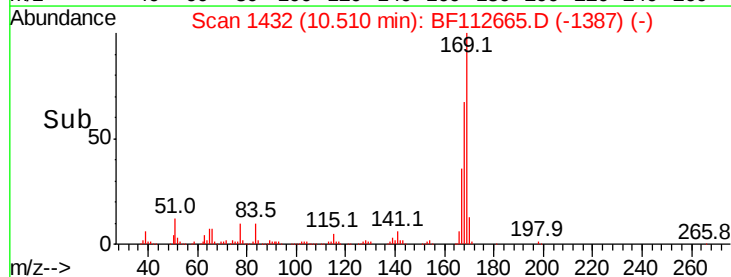
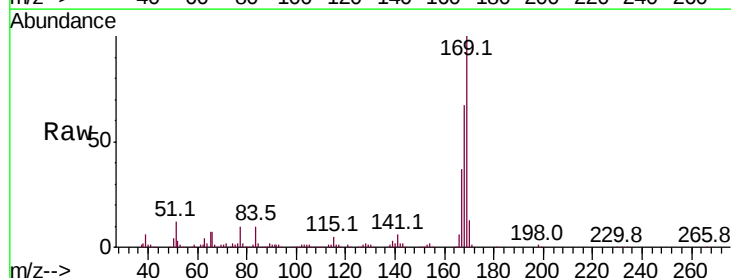
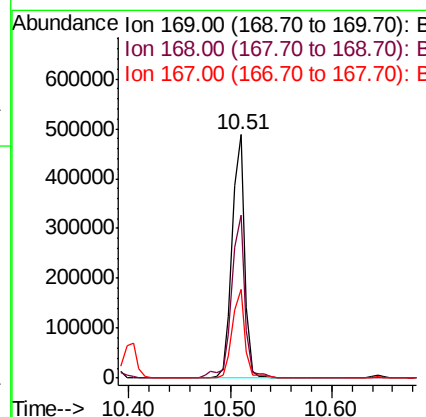
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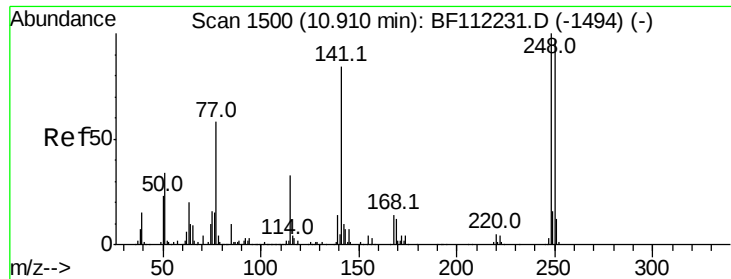
Sohil
2/25/2019 9:21:50 AM



#66
n-Nitrosodiphenylamine
Concen: 42.047 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.9	80.9
167	36.6	28.9	43.3





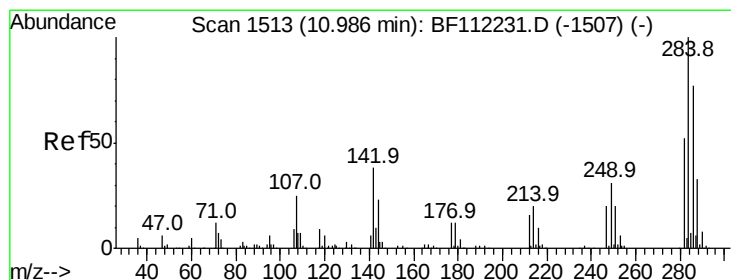
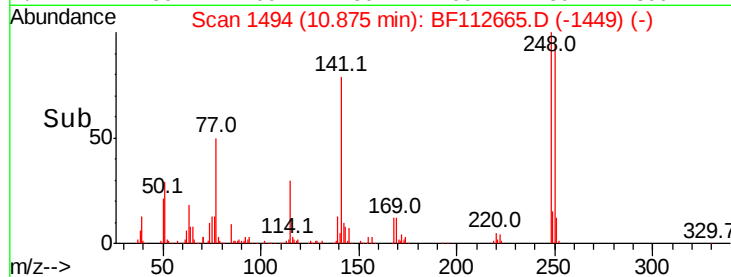
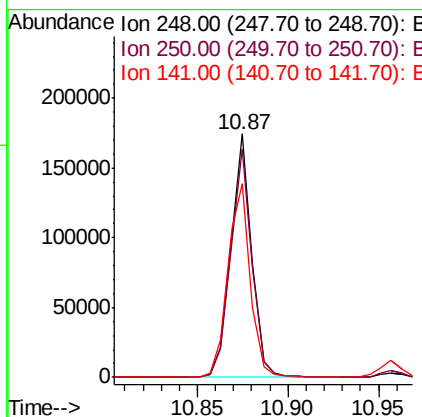
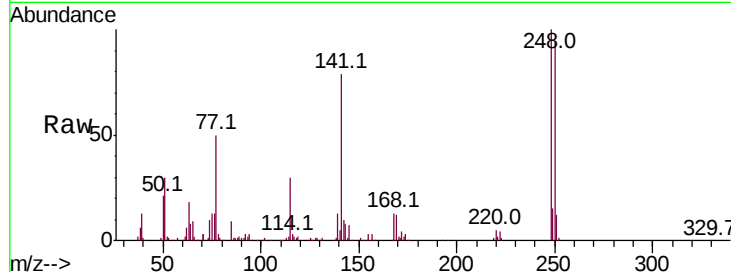
#67
4-Bromophenyl-phenylether
Concen: 39.961 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.9	79.7	119.5
141	79.3	60.3	90.5

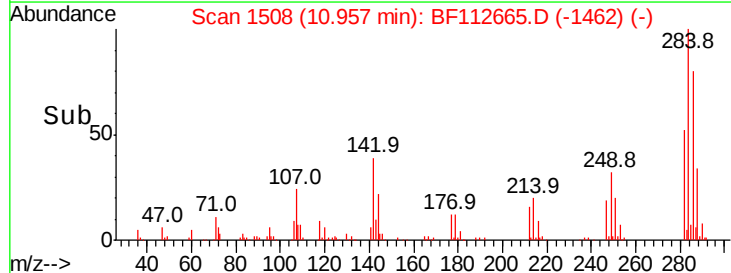
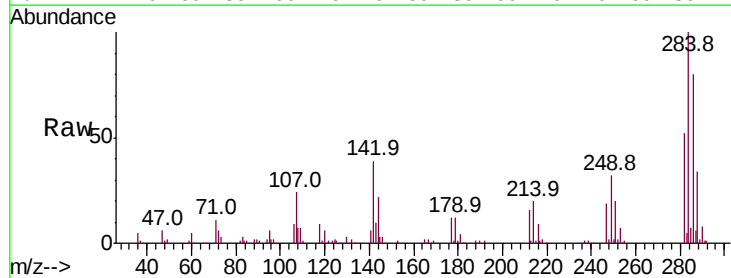
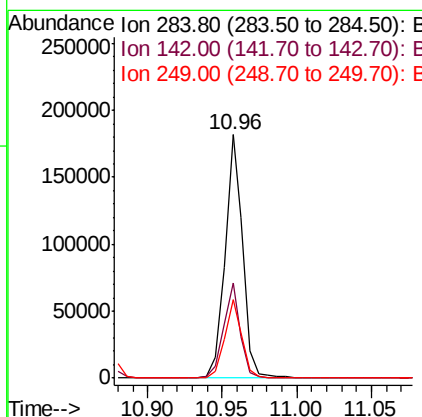
Manual Integrations
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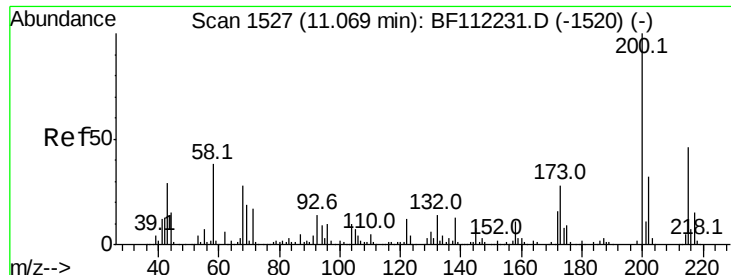
Sohil
2/25/2019 9:21:50 AM



#68
Hexachlorobenzene
Concen: 40.443 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.8	27.6	41.4
249	32.3	24.1	36.1





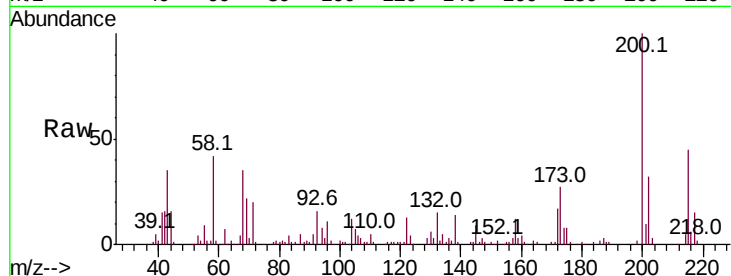
#69
Atrazine
Concen: 39.791 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	7.1	47.1
215	44.8	30.4	70.4

Manual Integrations
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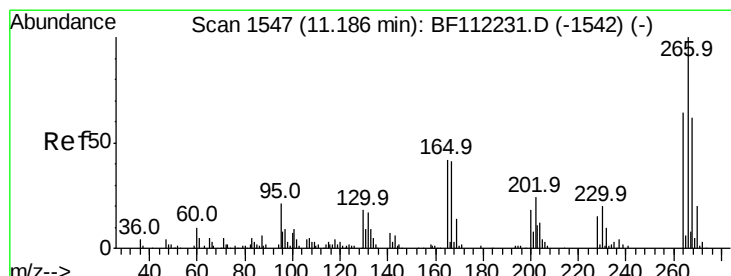
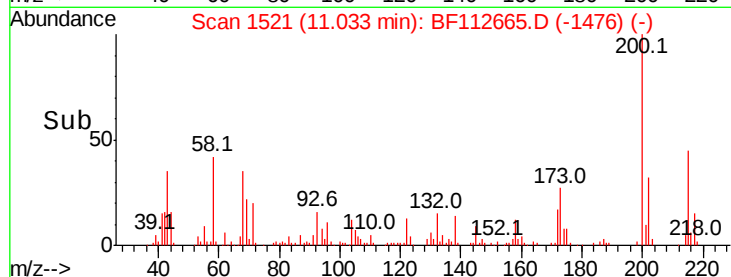
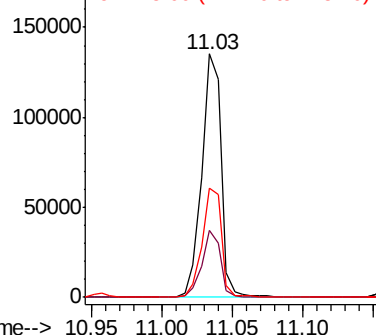


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 58.821 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

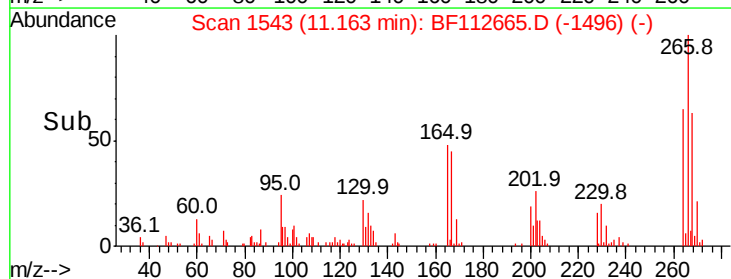
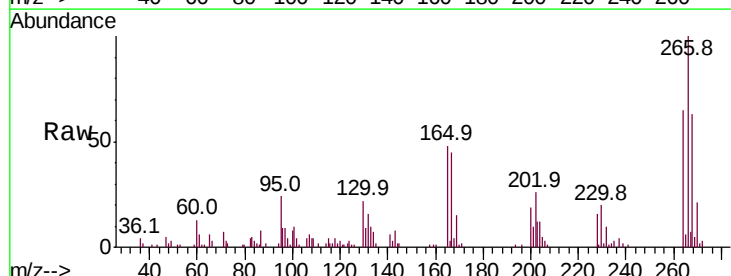
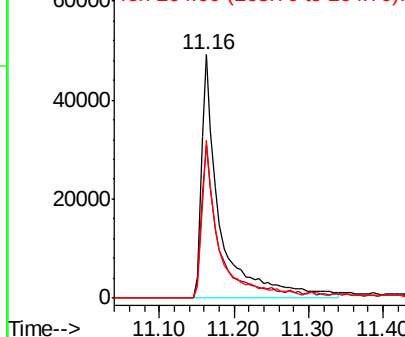
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.2	76.8
264	64.9	50.9	76.3

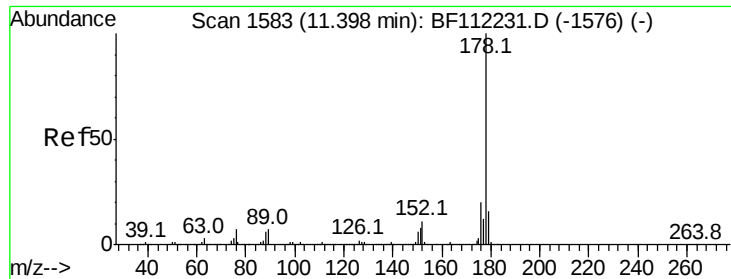
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





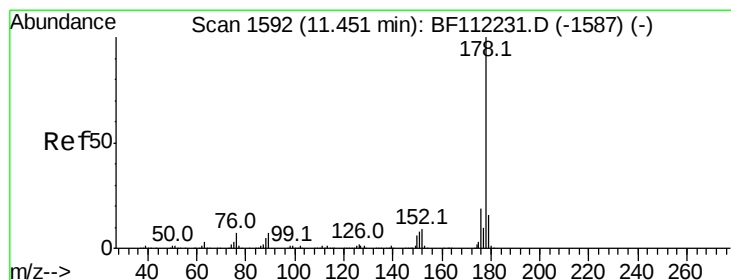
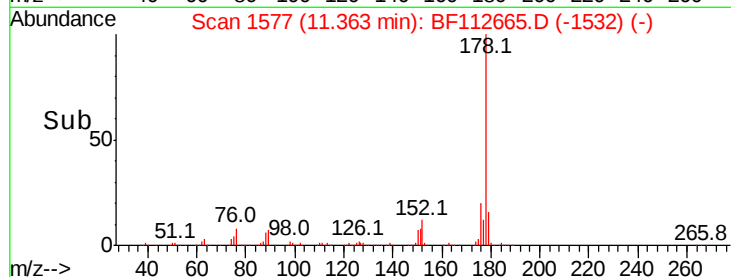
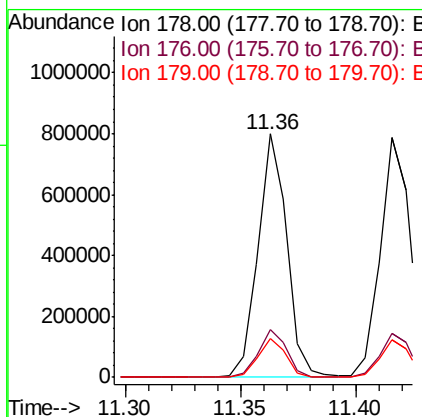
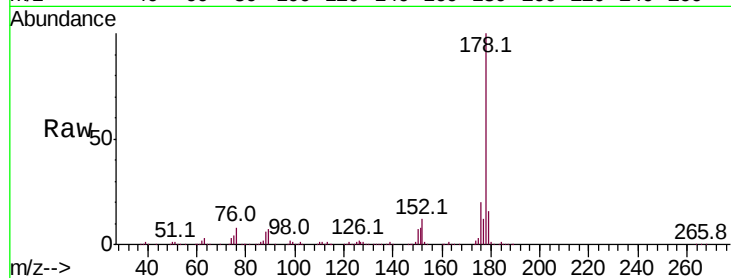
#71
Phenanthrene
Concen: 44.917 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.7	13.0	19.4

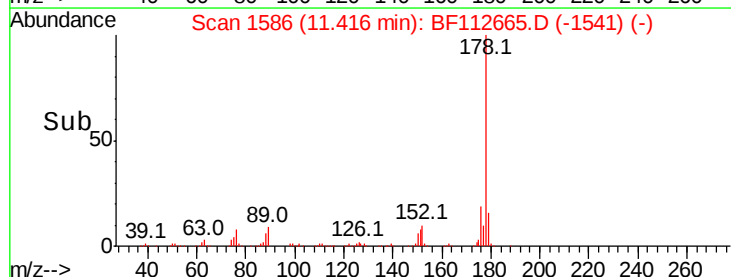
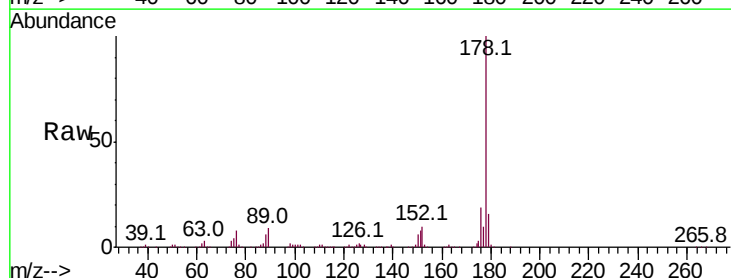
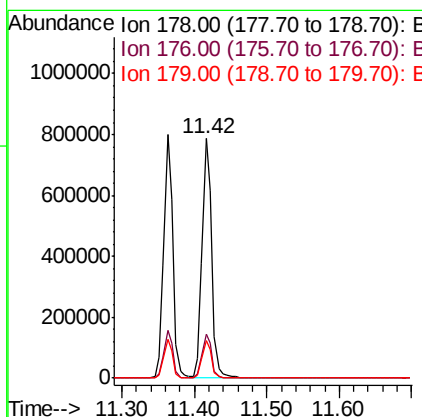
Manual Integrations
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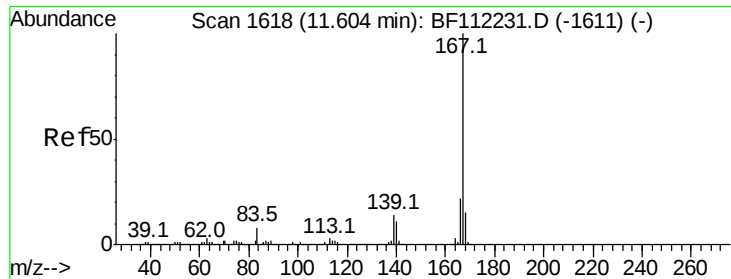
Sohil
2/25/2019 9:21:50 AM



#72
Anthracene
Concen: 47.198 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.9	12.8	19.2





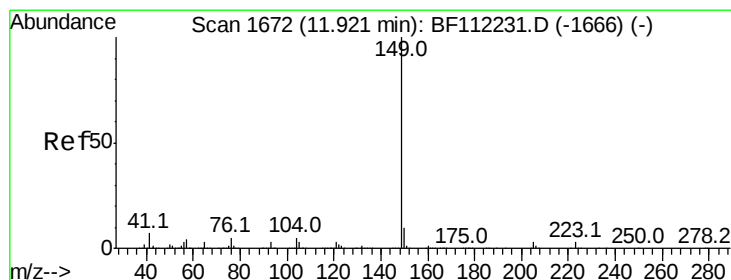
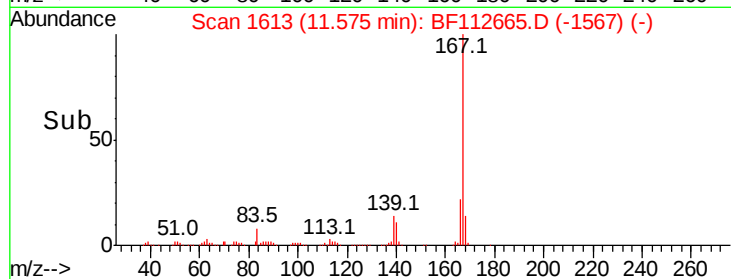
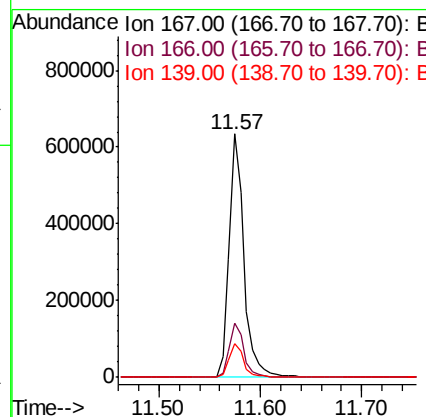
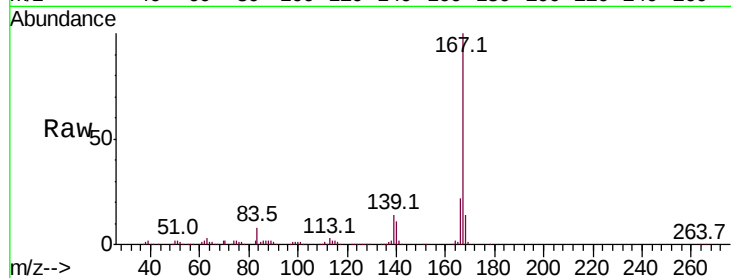
#73
 Carbazole
 Concen: 42.279 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.03 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.9	10.2	15.2

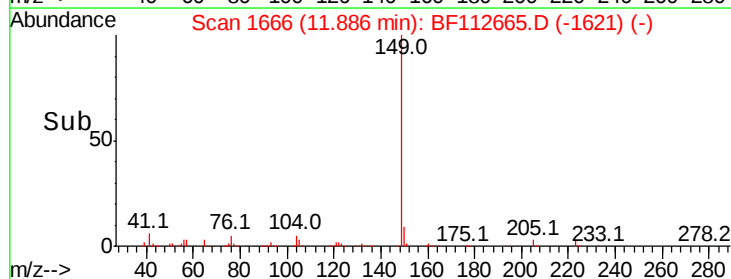
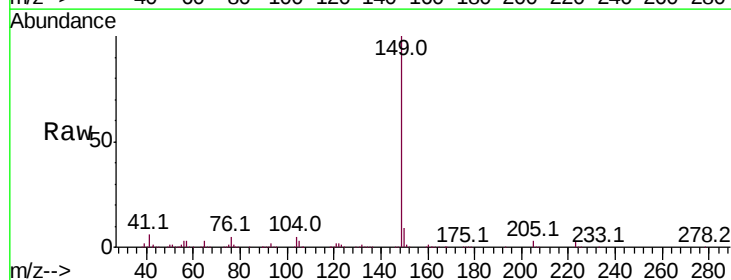
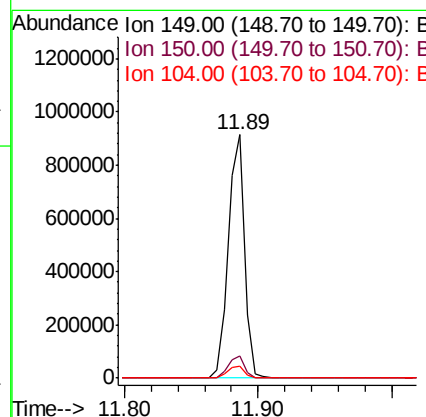
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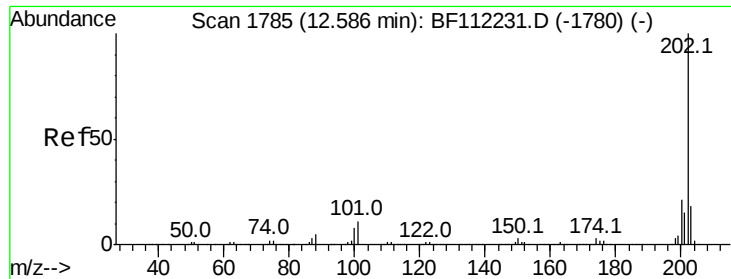
Sohil
 2/25/2019 9:21:50 AM



#74
 Di-n-butylphthalate
 Concen: 41.710 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	5.1	3.9	5.9





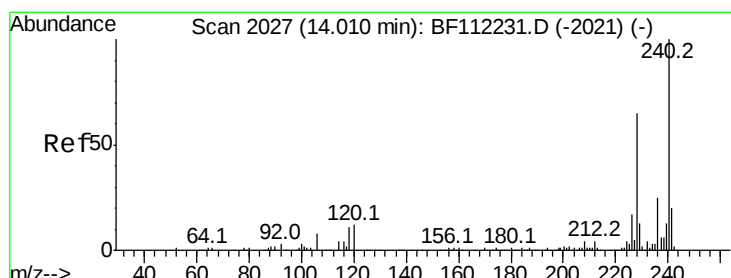
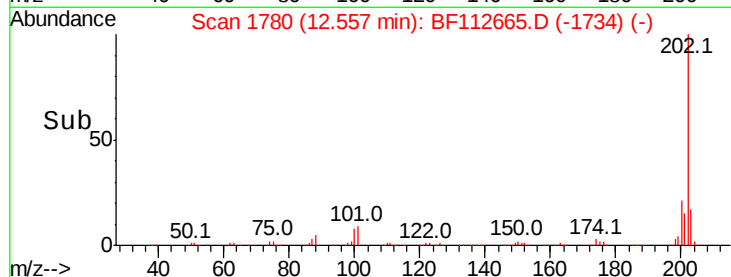
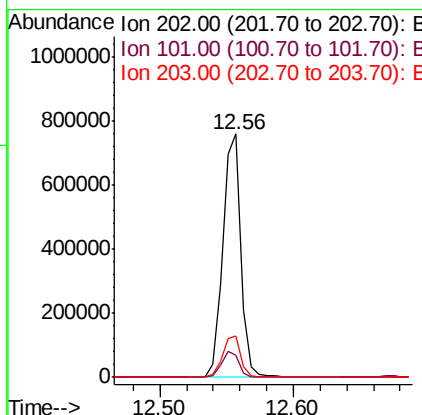
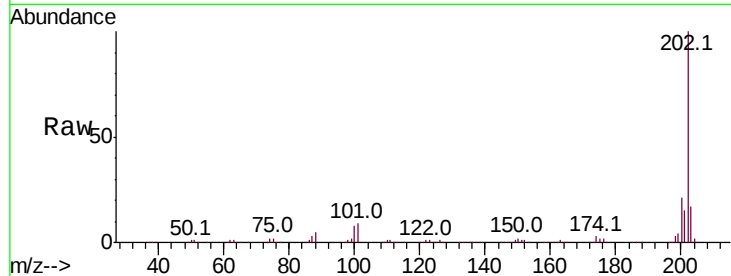
#75
 Fluoranthene
 Concen: 43.669 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	31.8
203	17.1	0.0	38.4

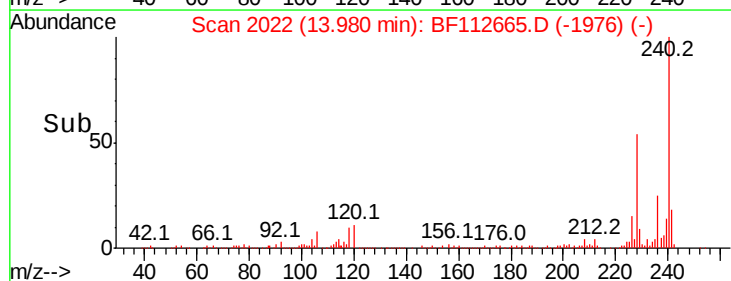
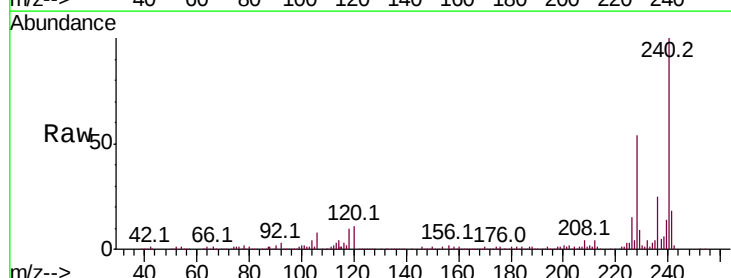
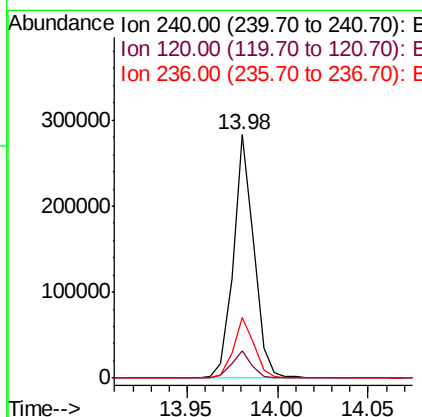
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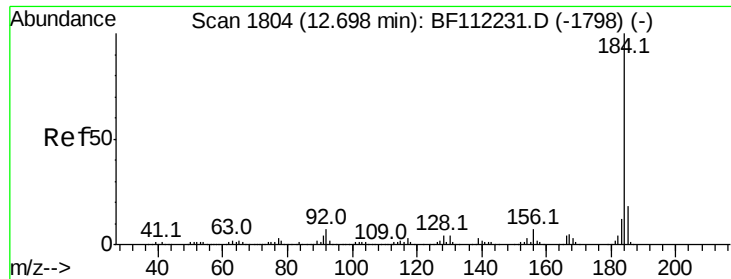
Sohil
 2/25/2019 9:21:50 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	9.0	13.6
236	25.0	20.7	31.1





#77

Benzidine

Concen: 99.239 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

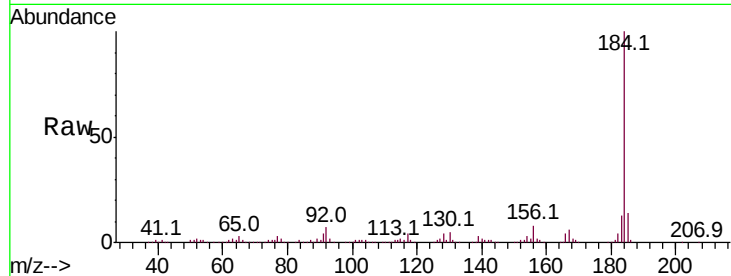
ClientSampleId :

PB117296BS

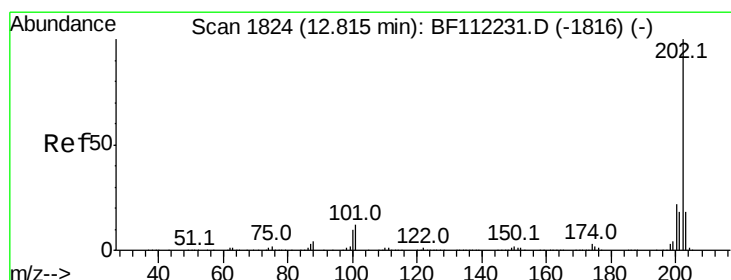
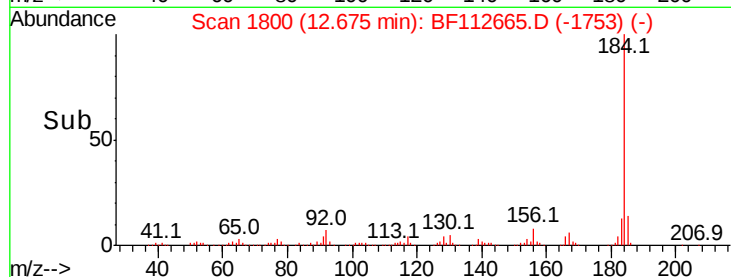
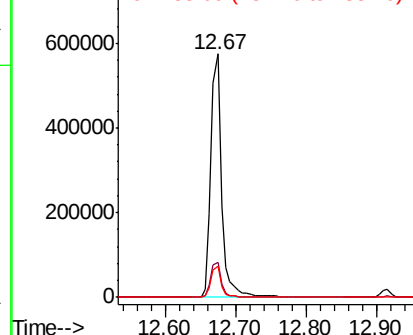
Tot Ion:	184	Resp:	611137
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.9	20.9
183	12.8	10.0	15.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.814 ng

RT: 12.79 min Scan# 1819

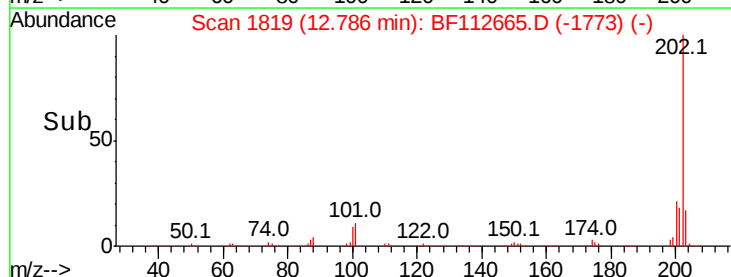
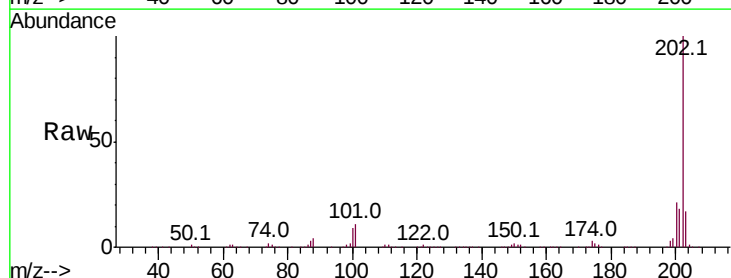
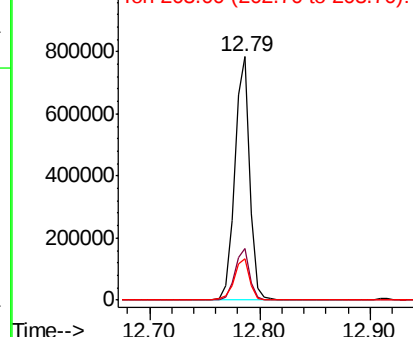
Delta R.T. -0.03 min

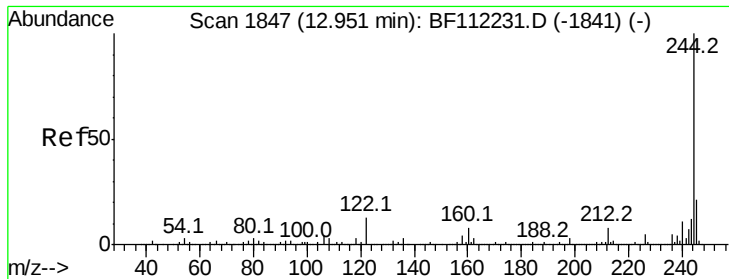
Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	202	Resp:	740682
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	17.1	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





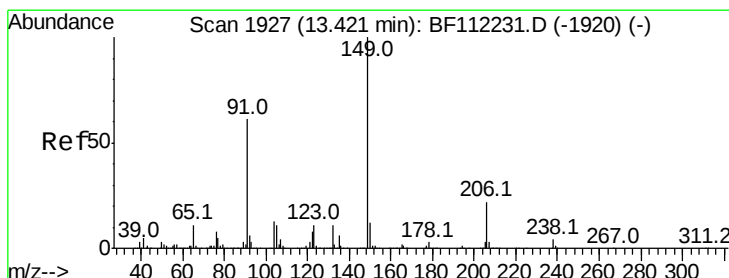
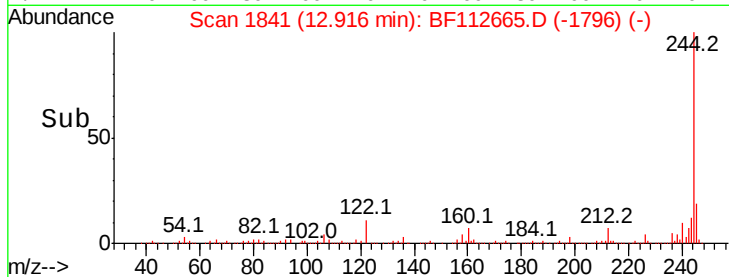
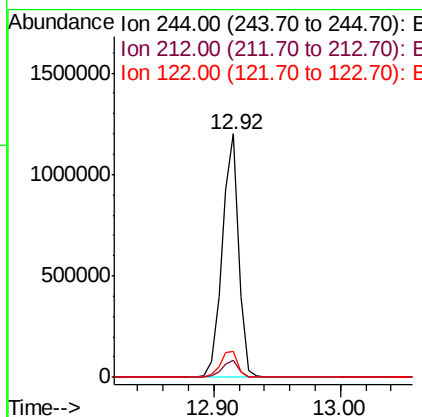
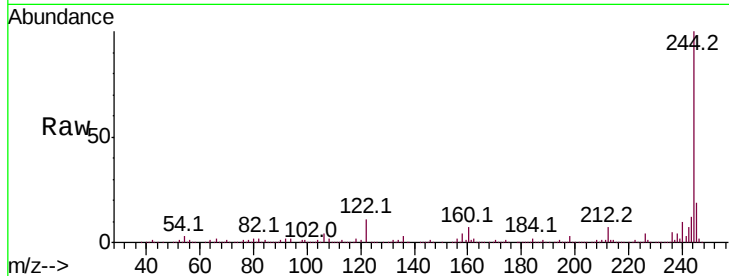
#79
 Terphenyl-d14
 Concen: 91.143 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.9	9.8	14.6

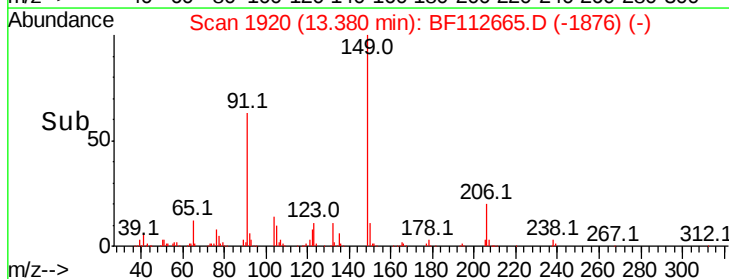
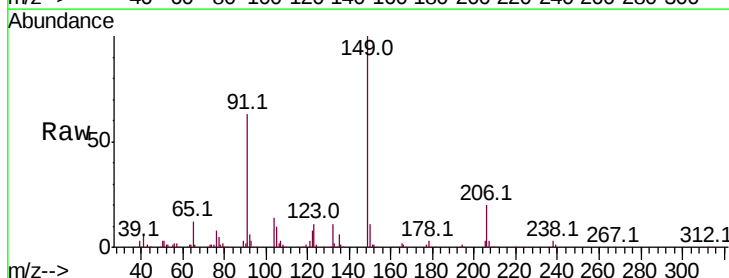
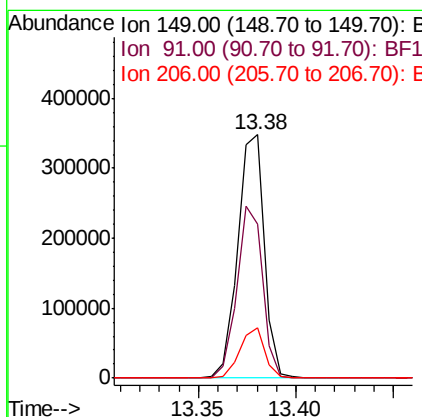
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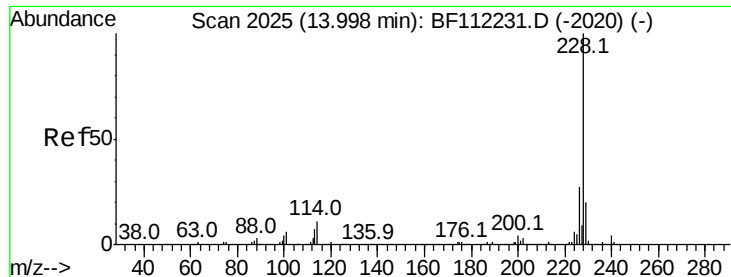
Sohil
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#80
 Butylbenzylphthalate
 Concen: 43.735 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.04 min
 Lab File: BF112665.D
 Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.2	50.3	75.5
206	20.5	18.2	27.4





#81

Benzo(a)anthracene

Concen: 44.872 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

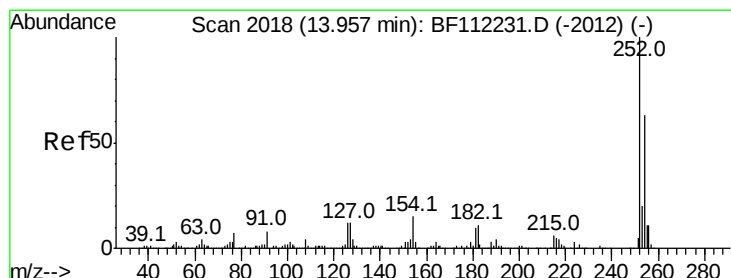
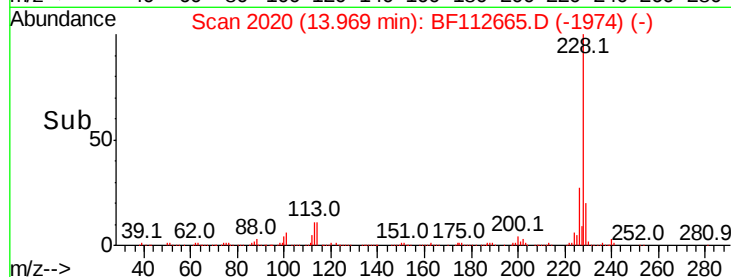
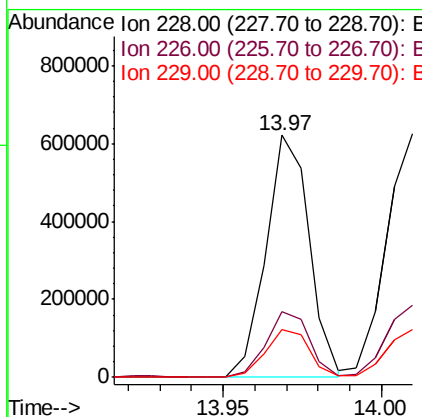
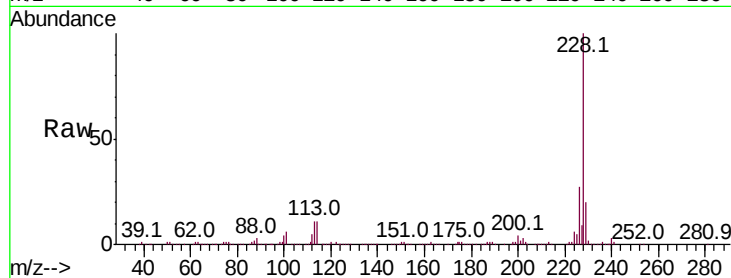
ClientSampleId :

PB117296BS

Tot Ion:	228	Resp:	590194
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	34.0
229	19.9	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 41.114 ng

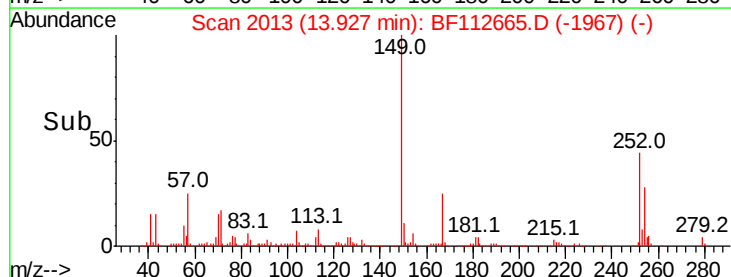
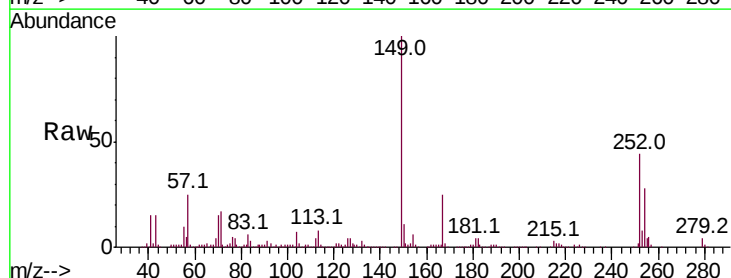
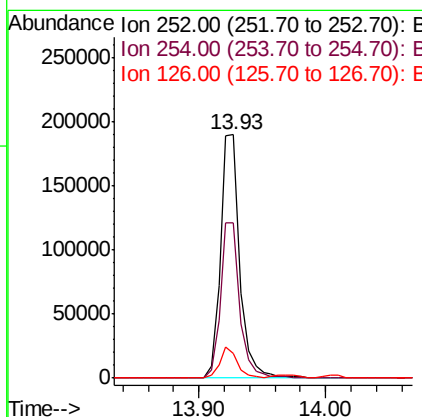
RT: 13.93 min Scan# 2013

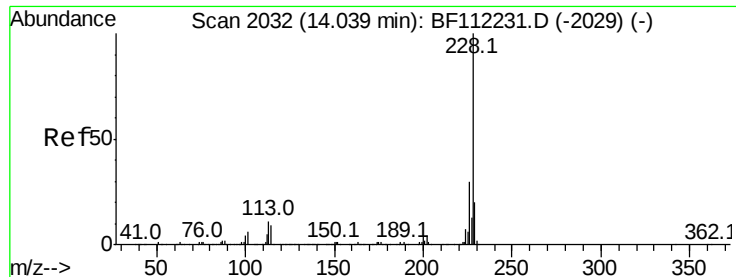
Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	252	Resp:	202379
Ion Ratio	Lower	Upper	
252	100		
254	63.9	51.6	77.4
126	10.0	8.6	12.8





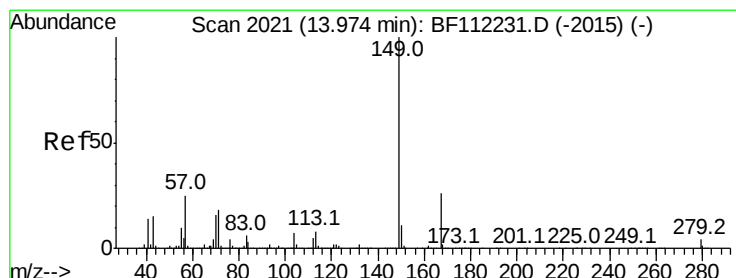
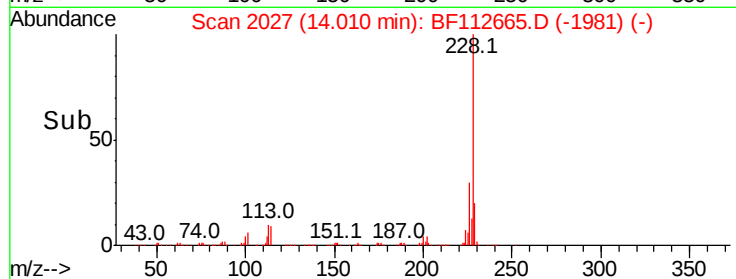
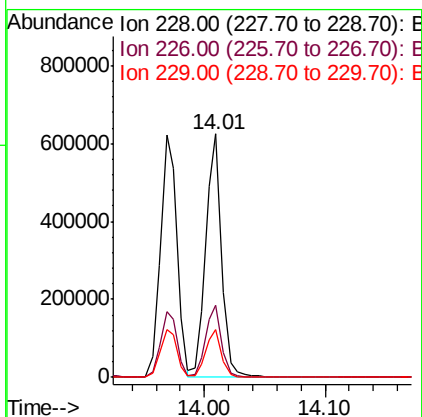
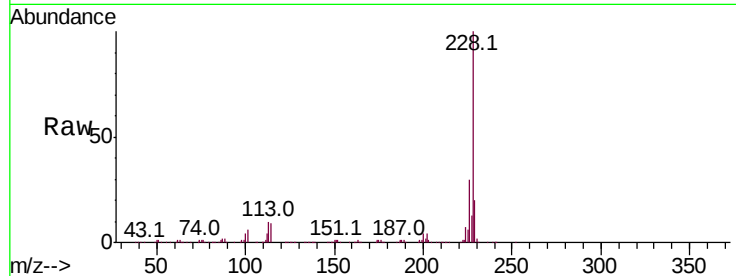
#83
Chrysene
Concen: 44.906 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.8	16.6	24.8

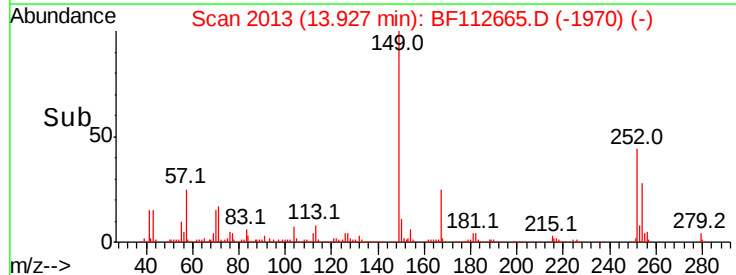
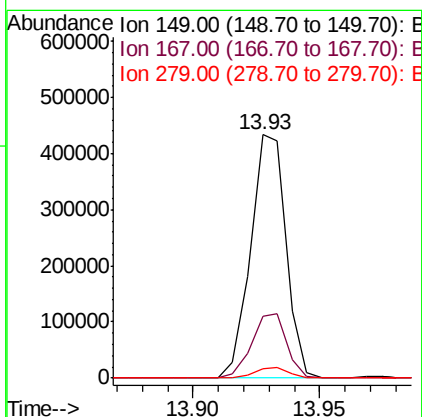
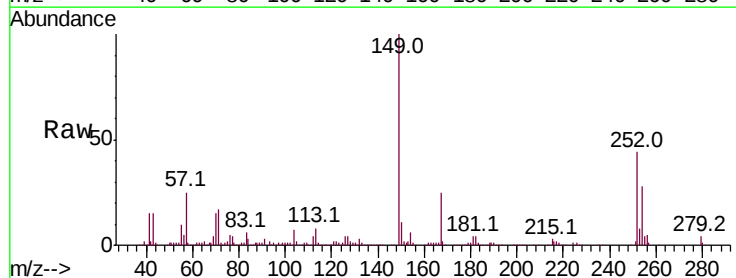
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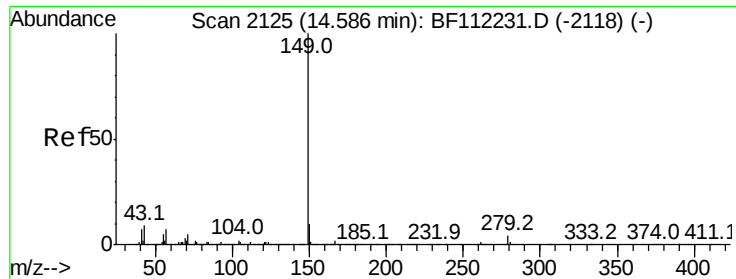
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.781 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.5	33.7
279	3.7	3.8	5.6#





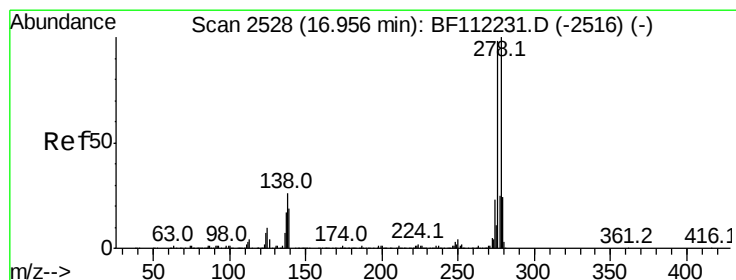
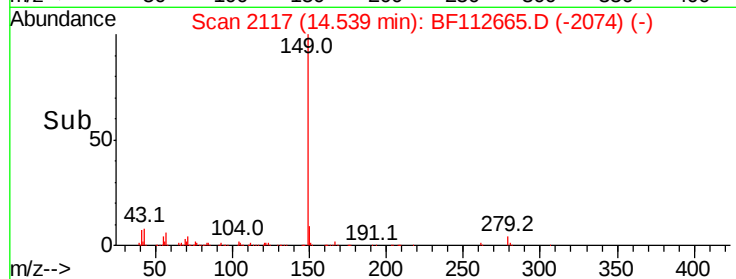
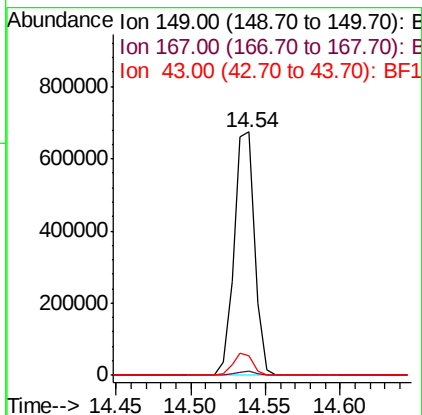
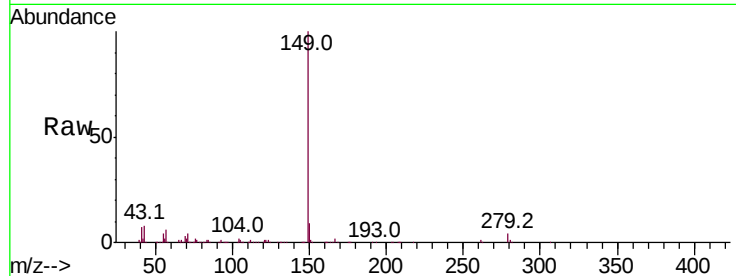
#85
Di-n-octyl phthalate
Concen: 39.981 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.05 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	654407		
167	1.5		1.3	1.9
43	8.7		7.8	11.6

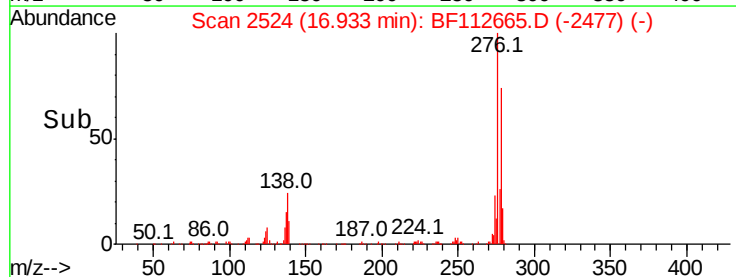
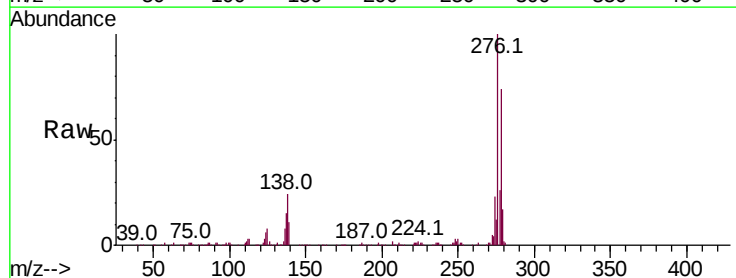
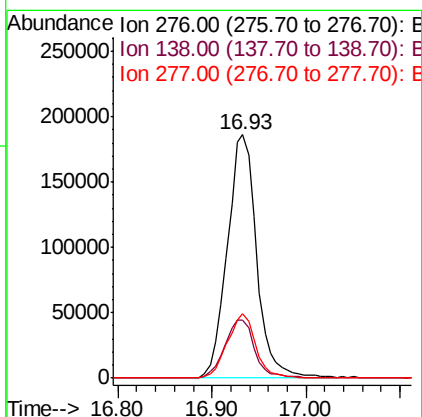
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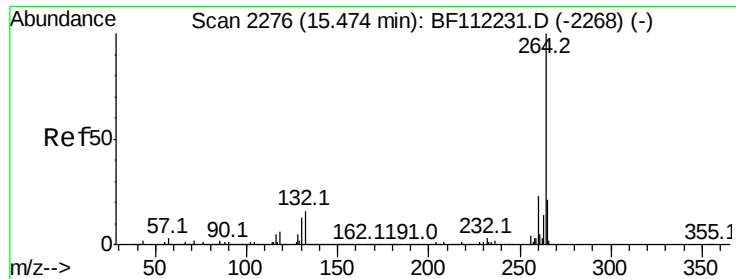
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.721 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	405108		
138	24.4		22.6	34.0
277	25.7		20.3	30.5





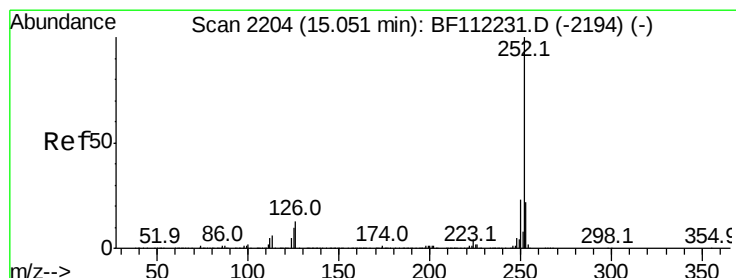
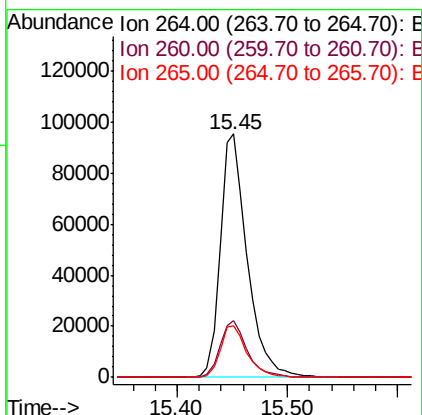
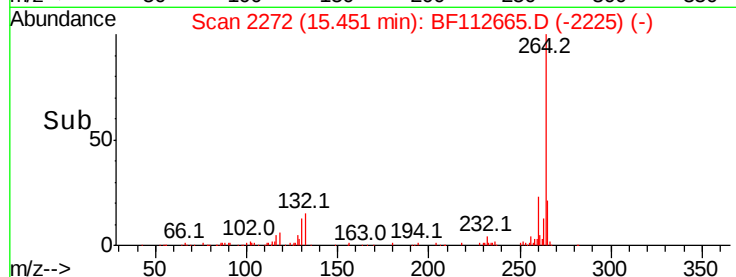
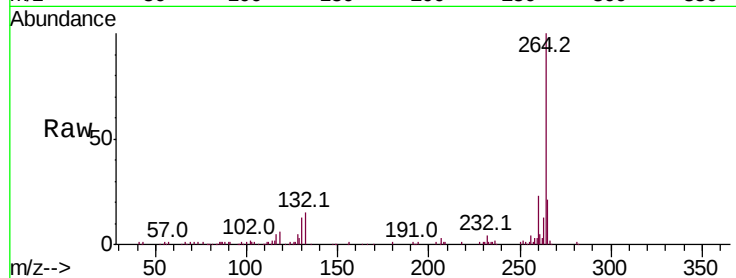
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.1	17.0	25.4

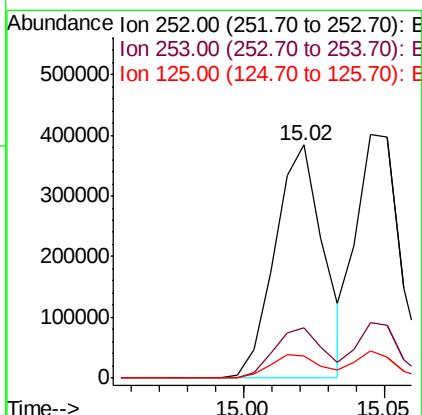
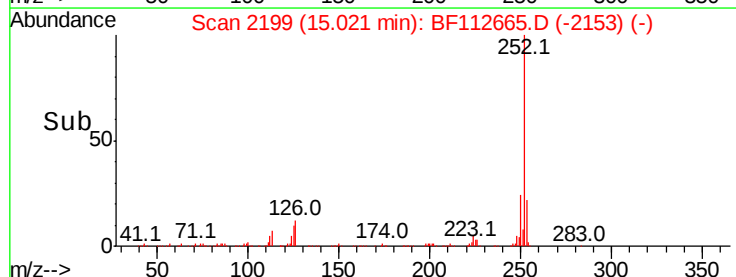
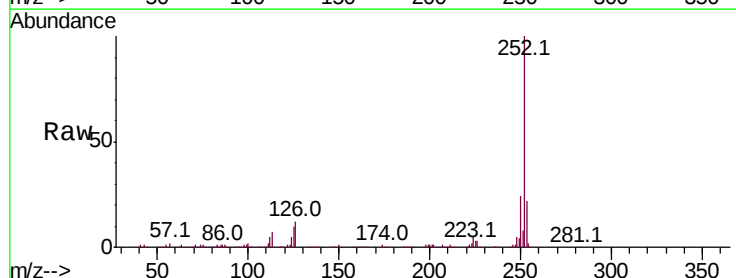
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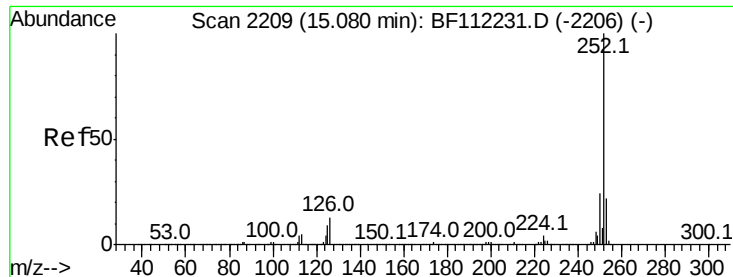
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.237 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	9.6	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 47.067 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Instrument :

BNA_F

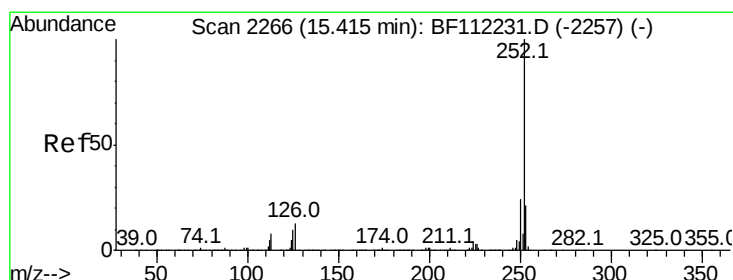
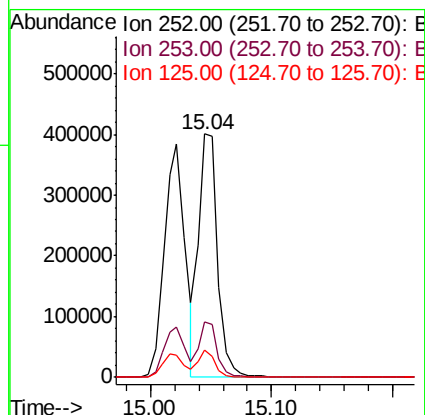
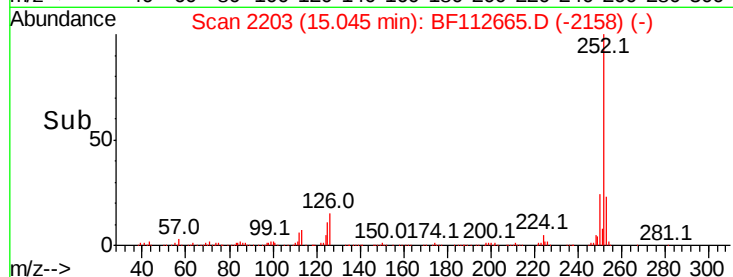
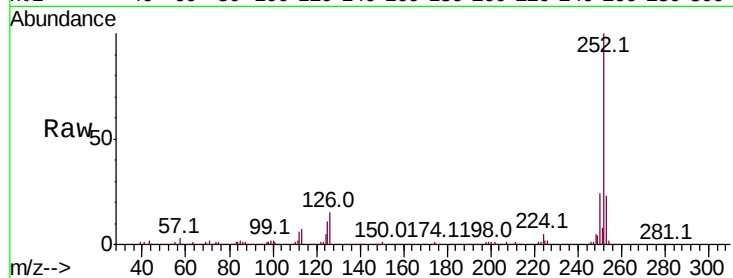
ClientSampleId :

PB117296BS

Tot Ion:	252	Resp:	437174
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	11.1	9.1	13.7

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#90

Benzo(a)pyrene

Concen: 47.311 ng

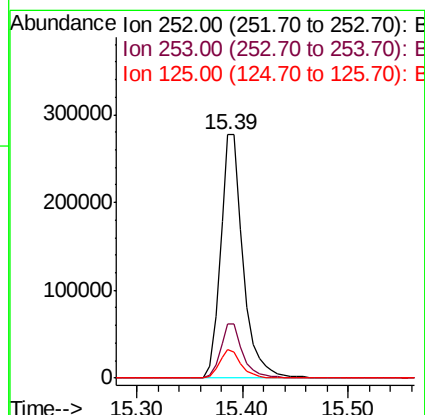
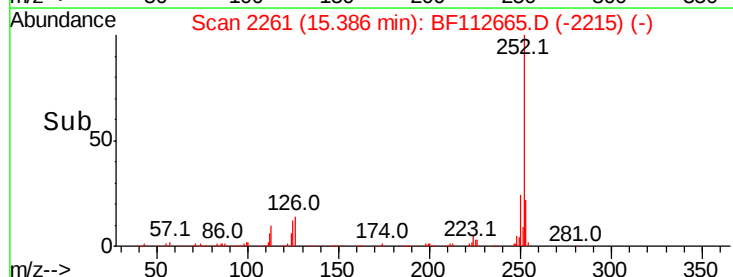
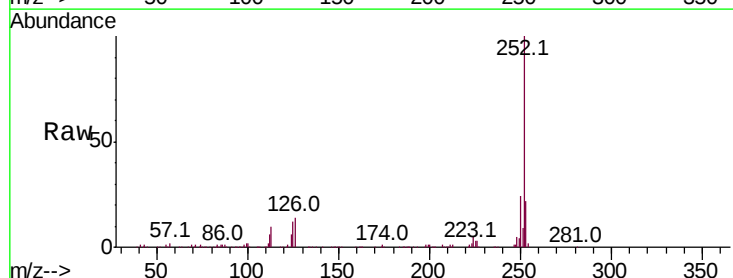
RT: 15.39 min Scan# 2261

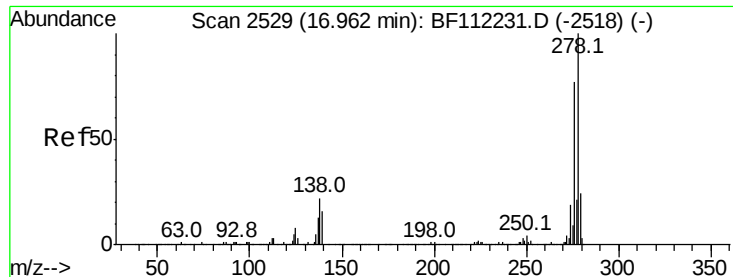
Delta R.T. -0.03 min

Lab File: BF112665.D

Acq: 22 Feb 2019 15:41

Tgt Ion:	252	Resp:	412798
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	11.6	9.0	13.4





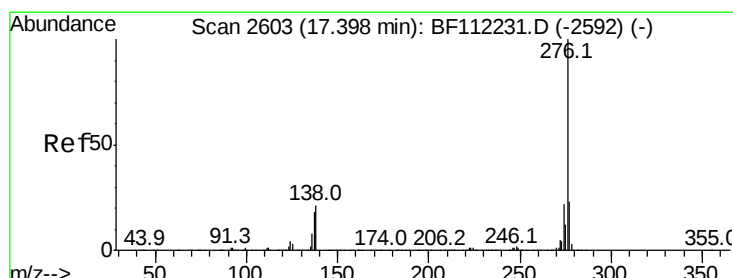
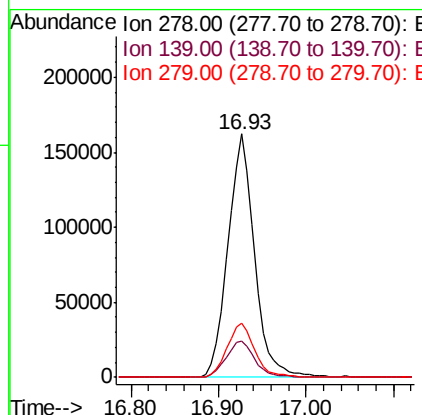
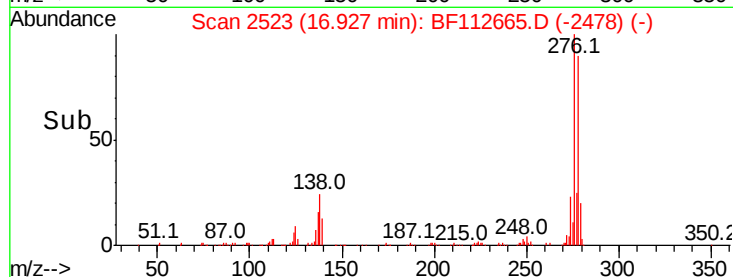
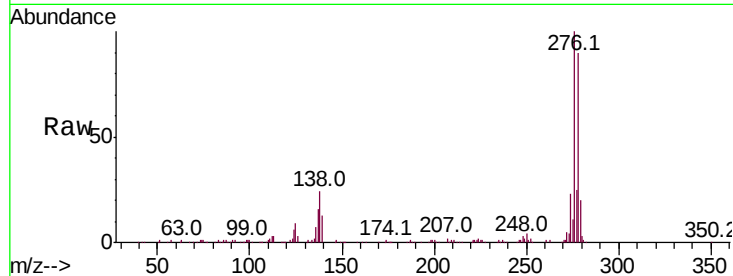
#91
Dibenzo(a,h)anthracene
Concen: 47.909 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.04 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.7	20.5
279	22.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:50 AM



#92
Benzo(g,h,i)perylene
Concen: 50.310 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF112665.D
Acq: 22 Feb 2019 15:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	19.9	19.1	28.7

